



# Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA  
REPUBLIEK VAN SUID AFRIKA

Vol. 655

17 January 2020  
Januarie

No. 42956

**PART 1 OF 2**

N.B. The Government Printing Works will not be held responsible for the quality of "Hard Copies" or "Electronic Files" submitted for publication purposes

ISSN 1682-5843



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**IMPORTANT NOTICE OF OFFICE RELOCATION****government  
printing**Department:  
Government Printing Works  
**REPUBLIC OF SOUTH AFRICA**Private Bag X85, PRETORIA, 0001 149 Bosman Street, PRETORIA  
Tel: 012 748 6197, Website: [www.gpwonline.co.za](http://www.gpwonline.co.za)**URGENT NOTICE TO OUR VALUED CUSTOMERS: PUBLICATIONS  
OFFICE'S RELOCATION HAS BEEN TEMPORARILY SUSPENDED.**

Please be advised that the GPW Publications office will no longer move to 88 Visagie Street as indicated in the previous notices.

The move has been suspended due to the fact that the new building in 88 Visagie Street is not ready for occupation yet.

We will later on issue another notice informing you of the new date of relocation.

We are doing everything possible to ensure that our service to you is not disrupted.

As things stand, we will continue providing you with our normal service from the current location at 196 Paul Kruger Street, Masada building.

Customers who seek further information and or have any questions or concerns are free to contact us through telephone 012 748 6066 or email Ms Maureen Toka at [Maureen.Toka@gpw.gov.za](mailto:Maureen.Toka@gpw.gov.za) or cell phone at 082 859 4910.

Please note that you will still be able to download gazettes free of charge from our website [www.gpwonline.co.za](http://www.gpwonline.co.za).

We apologise for any inconvenience this might have caused.

Issued by GPW Communications

For purposes of reference, all Proclamations, Government Notices, General Notices and Board Notices published are included in the following table of contents which thus forms a weekly index. Let yourself be guided by the gazette numbers in the righthand column:

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**THE GOVERNMENT PRINTING WORKS WILL NOT BE HELD RESPONSIBLE FOR ANY ERRORS THAT MIGHT OCCUR DUE TO THE SUBMISSION OF INCOMPLETE / INCORRECT / ILLEGIBLE COPY.**

**No FUTURE QUERIES WILL BE HANDLED IN CONNECTION WITH THE ABOVE.**

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government  
printing

Department:  
Government Printing Works  
REPUBLIC OF SOUTH AFRICA

## HIGH ALERT: SCAM WARNING!!!

### TO ALL SUPPLIERS AND SERVICE PROVIDERS OF THE GOVERNMENT PRINTING WORKS

It has come to the attention of the *GOVERNMENT PRINTING WORKS* that there are certain unscrupulous companies and individuals who are defrauding unsuspecting businesses disguised as representatives of the *Government Printing Works* (GPW).

The scam involves the fraudsters using the letterhead of *GPW* to send out fake tender bids to companies and requests to supply equipment and goods.

Although the contact person's name on the letter may be of an existing official, the contact details on the letter are not the same as the *Government Printing Works*. When searching on the Internet for the address of the company that has sent the fake tender document, the address does not exist.

The banking details are in a private name and not company name. Government will never ask you to deposit any funds for any business transaction. *GPW* has alerted the relevant law enforcement authorities to investigate this scam to protect legitimate businesses as well as the name of the organisation.

Example of e-mails these fraudsters are using:

[PROCUREMENT@GPW-GOV.ORG](mailto:PROCUREMENT@GPW-GOV.ORG)

Should you suspect that you are a victim of a scam, you must urgently contact the police and inform the *GPW*.

*GPW* has an official email with the domain as [@gpw.gov.za](mailto:@gpw.gov.za)

Government e-mails DO NOT have org in their e-mail addresses. All of these fraudsters also use the same or very similar telephone numbers. Although such number with an area code 012 looks like a landline, it is not fixed to any property.

*GPW* will never send you an e-mail asking you to supply equipment and goods without a purchase/order number. *GPW* does not procure goods for another level of Government. The organisation will not be liable for actions that result in companies or individuals being resultant victims of such a scam.

*Government Printing Works* gives businesses the opportunity to supply goods and services through RFQ / Tendering process. In order to be eligible to bid to provide goods and services, suppliers must be registered on the National Treasury's Central Supplier Database (CSD). To be registered, they must meet all current legislative requirements (e.g. have a valid tax clearance certificate and be in good standing with the South African Revenue Services - SARS).

The tender process is managed through the Supply Chain Management (SCM) system of the department. SCM is highly regulated to minimise the risk of fraud, and to meet objectives which include value for money, open and effective competition, equitability, accountability, fair dealing, transparency and an ethical approach. Relevant legislation, regulations, policies, guidelines and instructions can be found on the tender's website.

## Fake Tenders

National Treasury's CSD has launched the Government Order Scam campaign to combat fraudulent requests for quotes (RFQs). Such fraudulent requests have resulted in innocent companies losing money. We work hard at preventing and fighting fraud, but criminal activity is always a risk.

### How tender scams work

There are many types of tender scams. Here are some of the more frequent scenarios:

Fraudsters use what appears to be government department stationery with fictitious logos and contact details to send a fake RFQ to a company to invite it to urgently supply goods. Shortly after the company has submitted its quote, it receives notification that it has won the tender. The company delivers the goods to someone who poses as an official or at a fake site. The Department has no idea of this transaction made in its name. The company is then never paid and suffers a loss.

OR

Fraudsters use what appears to be government department stationery with fictitious logos and contact details to send a fake RFQ to Company A to invite it to urgently supply goods. Typically, the tender specification is so unique that only Company B (a fictitious company created by the fraudster) can supply the goods in question.

Shortly after Company A has submitted its quote it receives notification that it has won the tender. Company A orders the goods and pays a deposit to the fictitious Company B. Once Company B receives the money, it disappears. Company A's money is stolen in the process.

Protect yourself from being scammed

- If you are registered on the supplier databases and you receive a request to tender or quote that seems to be from a government department, contact the department to confirm that the request is legitimate. Do not use the contact details on the tender document as these might be fraudulent.
- Compare tender details with those that appear in the Tender Bulletin, available online at [www.gpwonline.co.za](http://www.gpwonline.co.za)
- Make sure you familiarise yourself with how government procures goods and services. Visit the tender website for more information on how to tender.
- If you are uncomfortable about the request received, consider visiting the government department and/or the place of delivery and/or the service provider from whom you will be sourcing the goods.
- In the unlikely event that you are asked for a deposit to make a bid, contact the SCM unit of the department in question to ask whether this is in fact correct.

Any incidents of corruption, fraud, theft and misuse of government property in the *Government Printing Works* can be reported to:

Supply Chain Management: Ms. Anna Marie Du Toit, Tel. (012) 748 6292.  
Email: [Annamarie.DuToit@gpw.gov.za](mailto:Annamarie.DuToit@gpw.gov.za)

Marketing and Stakeholder Relations: Ms Bonakele Mbhele, at Tel. (012) 748 6193.  
Email: [Bonakele.Mbhele@gpw.gov.za](mailto:Bonakele.Mbhele@gpw.gov.za)

Security Services: Mr Daniel Legoabe, at tel. (012) 748 6176.  
Email: [Daniel.Legoabe@gpw.gov.za](mailto:Daniel.Legoabe@gpw.gov.za)

# Closing times for **ORDINARY WEEKLY** **GOVERNMENT GAZETTE** **2020**

*The closing time is **15:00** sharp on the following days:*

- **24 December 2019**, Tuesday for the issue of Friday **03 January 2020**
- **03 January**, Friday for the issue of Friday **10 January 2020**
- **10 January**, Friday for the issue of Friday **17 January 2020**
- **17 January**, Friday for the issue of Friday **24 January 2020**
- **24 January**, Friday for the issue of Friday **31 January 2020**
- **31 February**, Friday for the issue of Friday **07 February 2020**
- **07 February**, Friday for the issue of Friday **14 February 2020**
- **14 February**, Friday for the issue of Friday **21 February 2020**
- **21 February**, Friday for the issue of Friday **28 February 2020**
- **28 February**, Friday for the issue of Friday **06 March 2020**
- **06 March**, Friday for the issue of Friday **13 March 2020**
- **13 March**, Thursday for the issue of Friday **20 March 2020**
- **20 March**, Friday for the issue of Friday **27 March 2020**
- **27 March**, Friday for the issue of Friday **03 April 2020**
- **02 April**, Thursday for the issue of Thursday **09 April 2020**
- **08 April**, Wednesday for the issue of Friday **17 April 2020**
- **17 April**, Friday for the issue of Friday **24 April 2020**
- **22 April**, Wednesday for the issue of Thursday **30 April 2020**
- **30 April**, Thursday for the issue of Friday **08 May 2020**
- **08 May**, Friday for the issue of Friday **15 May 2020**
- **15 May**, Friday for the issue of Friday **22 May 2020**
- **22 May**, Friday for the issue of Friday **29 May 2020**
- **29 May**, Friday for the issue of Friday **05 June 2020**
- **05 June**, Friday for the issue of Friday **12 June 2020**
- **11 June**, Thursday for the issue of Friday **19 June 2020**
- **19 June**, Friday for the issue of Friday **26 June 2020**
- **26 June**, Friday for the issue of Friday **03 July 2020**
- **03 July**, Friday for the issue of Friday **10 July 2020**
- **10 July**, Friday for the issue of Friday **17 July 2020**
- **17 July**, Friday for the issue of Friday **24 July 2020**
- **24 July**, Friday for the issue of Friday **31 July 2020**
- **31 July**, Thursday for the issue of Friday **07 August 2020**
- **06 August**, Thursday for the issue of Friday **14 August 2020**
- **14 August**, Friday for the issue of Friday **21 August 2020**
- **21 August**, Friday for the issue of Friday **28 August 2020**
- **28 August**, Friday for the issue of Friday **04 September 2020**
- **04 September**, Friday for the issue of Friday **11 September 2020**
- **11 September**, Friday for the issue of Friday **18 September 2020**
- **17 September**, Thursday for the issue of Friday **25 September 2020**
- **25 September**, Friday for the issue of Friday **02 October 2020**
- **02 October**, Friday for the issue of Friday **09 October 2020**
- **09 October**, Friday for the issue of Friday **16 October 2020**
- **16 October**, Friday for the issue of Friday **23 October 2020**
- **23 October**, Friday for the issue of Friday **30 October 2020**
- **30 October**, Friday for the issue of Friday **06 November 2020**
- **06 November**, Friday for the issue of Friday **13 November 2020**
- **13 November**, Friday for the issue of Friday **20 November 2020**
- **20 November**, Friday for the issue of Friday **27 November 2020**
- **27 November**, Friday for the issue of Friday **04 December 2020**
- **04 December**, Friday for the issue of Friday **11 December 2020**
- **10 December**, Thursday for the issue of Friday **18 December 2020**
- **17 December**, Thursday for the issue of Friday **24 December 2020**
- **23 December**, Wednesday for the issue of Friday **31 December 2020**

## LIST OF TARIFF RATES FOR PUBLICATION OF NOTICES

**COMMENCEMENT: 1 APRIL 2018**

### NATIONAL AND PROVINCIAL

Notice sizes for National, Provincial & Tender gazettes 1/4, 2/4, 3/4, 4/4 per page. Notices submitted will be charged at R1008.80 per full page, pro-rated based on the above categories.

Pricing for National, Provincial - Variable Priced Notices		
Notice Type	Page Space	New Price (R)
Ordinary National, Provincial	1/4 - Quarter Page	252.20
Ordinary National, Provincial	2/4 - Half Page	504.40
Ordinary National, Provincial	3/4 - Three Quarter Page	756.60
Ordinary National, Provincial	4/4 - Full Page	1008.80

### EXTRA-ORDINARY

All Extra-ordinary National and Provincial gazette notices are non-standard notices and attract a variable price based on the number of pages submitted.

The pricing structure for National and Provincial notices which are submitted as **Extra ordinary submissions** will be charged at **R3026.32** per page.



## GOVERNMENT PRINTING WORKS - BUSINESS RULES

The **Government Printing Works (GPW)** has established rules for submitting notices in line with its electronic notice processing system, which requires the use of electronic *Adobe Forms*. Please ensure that you adhere to these guidelines when completing and submitting your notice submission.

### CLOSING TIMES FOR ACCEPTANCE OF NOTICES

1. The *Government Gazette* and *Government Tender Bulletin* are weekly publications that are published on Fridays and the closing time for the acceptance of notices is strictly applied according to the scheduled time for each gazette.
2. Please refer to the Submission Notice Deadline schedule in the table below. This schedule is also published online on the Government Printing works website [www.gpwonline.co.za](http://www.gpwonline.co.za)

All re-submissions will be subject to the standard cut-off times.

**All notices received after the closing time will be rejected.**

Government Gazette Type	Publication Frequency	Publication Date	Submission Deadline	Cancellations Deadline
National Gazette	Weekly	Friday	Friday 15h00 for next Friday	Tuesday, 15h00 - 3 working days prior to publication
Regulation Gazette	Weekly	Friday	Friday 15h00 for next Friday	Tuesday, 15h00 - 3 working days prior to publication
Petrol Price Gazette	Monthly	Tuesday before 1st Wednesday of the month	One day before publication	1 working day prior to publication
Road Carrier Permits	Weekly	Friday	Thursday 15h00 for next Friday	3 working days prior to publication
Unclaimed Monies (Justice, Labour or Lawyers)	January / September 2 per year	Last Friday	One week before publication	3 working days prior to publication
Parliament (Acts, White Paper, Green Paper)	As required	Any day of the week	None	3 working days prior to publication
Manuals	Bi- Monthly	2nd and last Thursday of the month	One week before publication	3 working days prior to publication
State of Budget (National Treasury)	Monthly	30th or last Friday of the month	One week before publication	3 working days prior to publication
Extraordinary Gazettes	As required	Any day of the week	Before 10h00 on publication date	Before 10h00 on publication date
Legal Gazettes A, B and C	Weekly	Friday	One week before publication	Tuesday, 15h00 - 3 working days prior to publication
Tender Bulletin	Weekly	Friday	Friday 15h00 for next Friday	Tuesday, 15h00 - 3 working days prior to publication
Gauteng	Weekly	Wednesday	Two weeks before publication	3 days <b>after</b> submission deadline
Eastern Cape	Weekly	Monday	One week before publication	3 working days prior to publication
Northern Cape	Weekly	Monday	One week before publication	3 working days prior to publication
North West	Weekly	Tuesday	One week before publication	3 working days prior to publication
KwaZulu-Natal	Weekly	Thursday	One week before publication	3 working days prior to publication
Limpopo	Weekly	Friday	One week before publication	3 working days prior to publication
Mpumalanga	Weekly	Friday	One week before publication	3 working days prior to publication

### GOVERNMENT PRINTING WORKS - BUSINESS RULES

Government Gazette Type	Publication Frequency	Publication Date	Submission Deadline	Cancellations Deadline
Gauteng Liquor License Gazette	Monthly	Wednesday before the First Friday of the month	Two weeks before publication	3 working days <b>after</b> submission deadline
Northern Cape Liquor License Gazette	Monthly	First Friday of the month	Two weeks before publication	3 working days <b>after</b> submission deadline
National Liquor License Gazette	Monthly	First Friday of the month	Two weeks before publication	3 working days <b>after</b> submission deadline
Mpumalanga Liquor License Gazette	Bi-Monthly	Second & Fourth Friday	One week before publication	3 working days prior to publication

### EXTRAORDINARY GAZETTES

3. *Extraordinary Gazettes* can have only one publication date. If multiple publications of an *Extraordinary Gazette* are required, a separate Z95/Z95Prov *Adobe* Forms for each publication date must be submitted.

### NOTICE SUBMISSION PROCESS

4. Download the latest *Adobe* form, for the relevant notice to be placed, from the **Government Printing Works** website [www.gpwonline.co.za](http://www.gpwonline.co.za).
5. The *Adobe* form needs to be completed electronically using *Adobe Acrobat / Acrobat Reader*. Only electronically completed *Adobe* forms will be accepted. No printed, handwritten and/or scanned *Adobe* forms will be accepted.
6. The completed electronic *Adobe* form has to be submitted via email to [submit.egazette@gpw.gov.za](mailto:submit.egazette@gpw.gov.za). The form needs to be submitted in its original electronic *Adobe* format to enable the system to extract the completed information from the form for placement in the publication.
7. Every notice submitted **must** be accompanied by an official **GPW** quotation. This must be obtained from the *eGazette* Contact Centre.
8. Each notice submission should be sent as a single email. The email **must** contain **all documentation relating to a particular notice submission**.
  - 8.1. Each of the following documents must be attached to the email as a separate attachment:
    - 8.1.1. An electronically completed *Adobe* form, specific to the type of notice that is to be placed.
      - 8.1.1.1. For *National Government Gazette* or *Provincial Gazette* notices, the notices must be accompanied by an electronic Z95 or Z95Prov *Adobe* form
      - 8.1.1.2. The notice content (body copy) **MUST** be a separate attachment.
    - 8.1.2. A copy of the official **Government Printing Works** quotation you received for your notice. (*Please see Quotation section below for further details*)
    - 8.1.3. A valid and legible Proof of Payment / Purchase Order: **Government Printing Works** account customer must include a copy of their Purchase Order. **Non-Government Printing Works** account customer needs to submit the proof of payment for the notice
    - 8.1.4. Where separate notice content is applicable (Z95, Z95 Prov and TForm 3, it should **also** be attached as a separate attachment. (*Please see the Copy Section below, for the specifications*).
    - 8.1.5. Any additional notice information if applicable.

**GOVERNMENT PRINTING WORKS - BUSINESS RULES**

9. The electronic *Adobe* form will be taken as the primary source for the notice information to be published. Instructions that are on the email body or covering letter that contradicts the notice form content will not be considered. The information submitted on the electronic *Adobe* form will be published as-is.
10. To avoid duplicated publication of the same notice and double billing, Please submit your notice **ONLY ONCE**.
11. Notices brought to **GPW** by "walk-in" customers on electronic media can only be submitted in *Adobe* electronic form format. All "walk-in" customers with notices that are not on electronic *Adobe* forms will be routed to the Contact Centre where they will be assisted to complete the forms in the required format.
12. Should a customer submit a bulk submission of hard copy notices delivered by a messenger on behalf of any organisation e.g. newspaper publisher, the messenger will be referred back to the sender as the submission does not adhere to the submission rules.

**QUOTATIONS**

13. Quotations are valid until the next tariff change.
  - 13.1. **Take note:** **GPW's** annual tariff increase takes place on **1 April** therefore any quotations issued, accepted and submitted for publication up to **31 March** will keep the old tariff. For notices to be published from 1 April, a quotation must be obtained from **GPW** with the new tariffs. Where a tariff increase is implemented during the year, **GPW** endeavours to provide customers with 30 days' notice of such changes.
14. Each quotation has a unique number.
15. Form Content notices must be emailed to the *eGazette* Contact Centre for a quotation.
  - 15.1. The *Adobe* form supplied is uploaded by the Contact Centre Agent and the system automatically calculates the cost of your notice based on the layout/format of the content supplied.
  - 15.2. It is critical that these *Adobe* Forms are completed correctly and adhere to the guidelines as stipulated by **GPW**.
16. **APPLICABLE ONLY TO GPW ACCOUNT HOLDERS:**
  - 16.1. **GPW** Account Customers must provide a valid **GPW** account number to obtain a quotation.
  - 16.2. Accounts for **GPW** account customers **must** be active with sufficient credit to transact with **GPW** to submit notices.
    - 16.2.1. If you are unsure about or need to resolve the status of your account, please contact the **GPW** Finance Department prior to submitting your notices. (If the account status is not resolved prior to submission of your notice, the notice will be failed during the process).
17. **APPLICABLE ONLY TO CASH CUSTOMERS:**
  - 17.1. Cash customers doing **bulk payments** must use a **single email address** in order to use the **same proof of payment** for submitting multiple notices.
18. The responsibility lies with you, the customer, to ensure that the payment made for your notice(s) to be published is sufficient to cover the cost of the notice(s).
19. Each quotation will be associated with one proof of payment / purchase order / cash receipt.
  - 19.1. This means that **the quotation number can only be used once to make a payment.**

**GOVERNMENT PRINTING WORKS - BUSINESS RULES****COPY (SEPARATE NOTICE CONTENT DOCUMENT)**

20. Where the copy is part of a separate attachment document for Z95, Z95Prov and TForm03
- 20.1. Copy of notices must be supplied in a separate document and may not constitute part of any covering letter, purchase order, proof of payment or other attached documents.
- The content document should contain only one notice. (You may include the different translations of the same notice in the same document).
- 20.2. The notice should be set on an A4 page, with margins and fonts set as follows:
- Page size = A4 Portrait with page margins: Top = 40mm, LH/RH = 16mm, Bottom = 40mm;  
Use font size: Arial or Helvetica 10pt with 11pt line spacing;
- Page size = A4 Landscape with page margins: Top = 16mm, LH/RH = 40mm, Bottom = 16mm;  
Use font size: Arial or Helvetica 10pt with 11pt line spacing;

**CANCELLATIONS**

21. Cancellation of notice submissions are accepted by **GPW** according to the deadlines stated in the table above in point 2. Non-compliance to these deadlines will result in your request being failed. Please pay special attention to the different deadlines for each gazette. Please note that any notices cancelled after the cancellation deadline will be published and charged at full cost.
22. Requests for cancellation must be sent by the original sender of the notice and must be accompanied by the relevant notice reference number (N-) in the email body.

**AMENDMENTS TO NOTICES**

23. With effect from 01 October 2015, **GPW** will not longer accept amendments to notices. The cancellation process will need to be followed according to the deadline and a new notice submitted thereafter for the next available publication date.

**REJECTIONS**

24. All notices not meeting the submission rules will be rejected to the customer to be corrected and resubmitted. Assistance will be available through the Contact Centre should help be required when completing the forms. (012-748 6200 or email [info.egazette@gpw.gov.za](mailto:info.egazette@gpw.gov.za)). Reasons for rejections include the following:
- 24.1. Incorrectly completed forms and notices submitted in the wrong format, will be rejected.
- 24.2. Any notice submissions not on the correct *Adobe* electronic form, will be rejected.
- 24.3. Any notice submissions not accompanied by the proof of payment / purchase order will be rejected and the notice will not be processed.
- 24.4. Any submissions or re-submissions that miss the submission cut-off times will be rejected to the customer. The Notice needs to be re-submitted with a new publication date.

**GOVERNMENT PRINTING WORKS - BUSINESS RULES****APPROVAL OF NOTICES**

25. Any notices other than legal notices are subject to the approval of the Government Printer, who may refuse acceptance or further publication of any notice.
26. No amendments will be accepted in respect to separate notice content that was sent with a Z95 or Z95Prov notice submissions. The copy of notice in layout format (previously known as proof-out) is only provided where requested, for Advertiser to see the notice in final Gazette layout. Should they find that the information submitted was incorrect, they should request for a notice cancellation and resubmit the corrected notice, subject to standard submission deadlines. The cancellation is also subject to the stages in the publishing process, i.e. If cancellation is received when production (printing process) has commenced, then the notice cannot be cancelled.

**GOVERNMENT PRINTER INDEMNIFIED AGAINST LIABILITY**

27. The Government Printer will assume no liability in respect of—
  - 27.1. any delay in the publication of a notice or publication of such notice on any date other than that stipulated by the advertiser;
  - 27.2. erroneous classification of a notice, or the placement of such notice in any section or under any heading other than the section or heading stipulated by the advertiser;
  - 27.3. any editing, revision, omission, typographical errors or errors resulting from faint or indistinct copy.

**LIABILITY OF ADVERTISER**

28. Advertisers will be held liable for any compensation and costs arising from any action which may be instituted against the Government Printer in consequence of the publication of any notice.

**CUSTOMER INQUIRIES**

Many of our customers request immediate feedback/confirmation of notice placement in the gazette from our Contact Centre once they have submitted their notice – While **GPW** deems it one of their highest priorities and responsibilities to provide customers with this requested feedback and the best service at all times, we are only able to do so once we have started processing your notice submission.

**GPW** has a 2-working day turnaround time for processing notices received according to the business rules and deadline submissions.

Please keep this in mind when making inquiries about your notice submission at the Contact Centre.

29. Requests for information, quotations and inquiries must be sent to the Contact Centre ONLY.
30. Requests for Quotations (RFQs) should be received by the Contact Centre at least **2 working days** before the submission deadline for that specific publication.

## GOVERNMENT PRINTING WORKS - BUSINESS RULES

### PAYMENT OF COST

31. The Request for Quotation for placement of the notice should be sent to the Gazette Contact Centre as indicated above, prior to submission of notice for advertising.
32. Payment should then be made, or Purchase Order prepared based on the received quotation, prior to the submission of the notice for advertising as these documents i.e. proof of payment or Purchase order will be required as part of the notice submission, as indicated earlier.
33. Every proof of payment must have a valid **GPW** quotation number as a reference on the proof of payment document.
34. Where there is any doubt about the cost of publication of a notice, and in the case of copy, an enquiry, accompanied by the relevant copy, should be addressed to the Gazette Contact Centre, **Government Printing Works**, Private Bag X85, Pretoria, 0001 email: [info.egazette@gpw.gov.za](mailto:info.egazette@gpw.gov.za) before publication.
35. Overpayment resulting from miscalculation on the part of the advertiser of the cost of publication of a notice will not be refunded, unless the advertiser furnishes adequate reasons why such miscalculation occurred. In the event of underpayments, the difference will be recovered from the advertiser, and future notice(s) will not be published until such time as the full cost of such publication has been duly paid in cash or electronic funds transfer into the **Government Printing Works** banking account.
36. In the event of a notice being cancelled, a refund will be made only if no cost regarding the placing of the notice has been incurred by the **Government Printing Works**.
37. The **Government Printing Works** reserves the right to levy an additional charge in cases where notices, the cost of which has been calculated in accordance with the List of Fixed Tariff Rates, are subsequently found to be excessively lengthy or to contain overmuch or complicated tabulation.

### PROOF OF PUBLICATION

38. Copies of any of the *Government Gazette* or *Provincial Gazette* can be downloaded from the **Government Printing Works** website [www.gpwnonline.co.za](http://www.gpwnonline.co.za) free of charge, should a proof of publication be required.
39. Printed copies may be ordered from the Publications department at the ruling price. The **Government Printing Works** will assume no liability for any failure to post or for any delay in despatching of such *Government Gazette(s)*

## GOVERNMENT PRINTING WORKS CONTACT INFORMATION

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149 Bosman Street  
Pretoria

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Private Bag X85  
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0001

#### GPW Banking Details:

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**Account No.:** 405 7114 016  
**Branch Code:** 632-005

**For Gazette and Notice submissions:** Gazette Submissions:

**For queries and quotations, contact:** Gazette Contact Centre:

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**E-mail:** [info.egazette@gpw.gov.za](mailto:info.egazette@gpw.gov.za)

**Tel:** 012-748 6200

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**GOVERNMENT NOTICES • GOEWERMENTSKENNISGEWINGS**

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**DEPARTMENT OF ENVIRONMENTAL AFFAIRS****NO. 24****17 JANUARY 2020****NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998  
(ACT NO. 107 OF 1998)****AMENDMENT TO FINANCIAL PROVISION REGULATIONS, 2015**

I, Barbara Dallas Creecy, Minister of Environment, Forestry and Fisheries, hereby amend the Financial Provisioning Regulations, 2015, as amended, in terms of section 44(aE), (aF), (aG), (aH) read with sections 24(5)(b)(ix), 24(5)(d), 24N, 24P and 24R of the National Environmental Management Act, 1998 (Act No.107 of 1998) as set out in the Schedule hereto.



**BARBARA DALLAS GREECY  
MINISTER OF ENVIRONMENT, FORESTRY AND FISHERIES**

## SCHEDULE

### Definition

1. In these Regulations, any word or expression to which a meaning has been assigned in the Act shall have the meaning so assigned, and

**“the Regulations”** means the Financial Provisioning Regulations, 2015, published under Government Notice No. R. 1147 in Gazette No 39425 of 20 November 2015, as amended by Government Notice No. 1314, published in Gazette No. 40371 of 26 October 2016, Government Notice No. R. 452, published in Gazette No. 41584 of 20 April 2018 and Government Notice No. 991, published in Gazette No. 41921 of 21 September 2018.

### Substitution of regulation 17B in the Regulations

2. Regulation 17B of the Regulations is hereby substituted for the following regulation:

**“17B. Extension of the transitional period**

Unless regulation 17A applies, a holder, or holder of a right or permit, who applied for such right or permit prior to 20 November 2015, regardless when the right or permit was obtained—

- (a) must by no later than 19 June 2021 comply with these Regulations; and
- (b) shall, until 19 June 2021, be regarded as having complied with the provisions of these Regulations, if such holder has complied with the provisions and arrangements regarding financial provisioning, approved as part of the right or permit issued in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).”



## DEPARTMENT OF HOME AFFAIRS

NO. 25

17 JANUARY 2020

**ALTERATION OF FORENAMES IN TERMS OF SECTION 24 OF THE BIRTHS AND DEATHS REGISTRATION ACT, 1992 (ACT NO. 51 OF 1992)**

The Director-General has authorized the following persons to assume the Forenames printed in *italics*:

1. Oliver Tantsi - 740910 0613 088 - 13 Klipmossie Street, Extension 3, BIRCH ACRES, 1619 - *Olivia Takalani*
2. Griffin Prince Mondlane - 901021 5701 087 - 2585 Lipota, Ginsberg, KING WILLIAMS TOWN, 5600 - *Muzikayise Prince*
3. Kwetsi Mmakau - 811122 0370 081 - 32427 Extension 12, Kalabe Street, MAMELODI EAST, 0122 - *Kwetsi Jeanette*
4. Lerato Catherine Montsha - 820828 0738 080 - 5135 Morongwa Street, NELLMAPIUSE, 0122 - *Phoebe Catherine*
5. Gricious Motsheudi Mokgokong - 891112 5727 081 - 7010 Section U, MAMELODI WEST, 0122 - *Emmanuel Gricious*
6. Mmalepo Linda Makuwa - 831108 0580 080 - 22 Townsend Road, BEDFORDVIEW, 2007 - *Mokadi Linda*
7. Nompumelelo Kokela - 961228 0242 085 - 5907 Platinum Street, Extension 7, NELLMAPIUS, 0122 - *Israel*
8. Adam Sikhumbhuzo Hlongwane - 790207 5929 083 - 803 Nofy Height, Van Lennep & Sisulu, PRETORIA, 0001 - *Glen-Dinky Wealth*
9. Pinkie Dyum - 811231 0869 081 - 26 Voortrekker Street, BELFAST, 1100 - *Pinkie Akhona Cynthia*
10. Ernest Radzuma - 971026 5498 084 - 3176 Mathase, Extension 2, TSHIAWELO, 1818 - *Phindulo Answer*
11. Mthokozisi Bheki Mhlongo - 810811 5313 085 - 229 Ndayeni Section, TEMBISA, 1632 - *Mthokozisi Bhebhe*
12. Linda Phike - 790412 5904 082 - 2756 Steenbras Street, ST FRANCIS, 6312 - *Linda Patrick*
13. Ntombozuko Bullar Jack - 950310 0409 089 - 3238 Vergenoeg, Kwanomzamo, HUMANSDORP, 6300 - *Ntombozuko Beulah*
14. Zokwenzani Biyela - 970327 0867 088 - Po Box 10, NTAMALALA, 3825 - *Zokwenzani Zinhle*
15. Nomandla Latha - 740805 1084 083 - D 647, UMLAZI, 4066 - *Nomandla Cynthia*
16. Distance Mangaletsa Lewele - 970125 5472 080 - Stand No 36, NEL VILLAGE, 0891 - *Distance Nkobi*
17. Kanyane Nomsa Naka - 831130 0744 086 - Bydrift, GA – SELOANE, 0737 - *Lehlokwa Nomsa*
18. Koketso Mhlala - 991109 0586 081 - Ga – Moloi, GLEN COWIE, 1061 - *Koketso Mmahlapi*
19. Ntombizodumo Ziphelele Mcobothi - 940311 0836 084 - Machi Location, HARDING, 4680 - *Nolwazi Ntombizodumo Ziphelele*
20. Bongiwe Penelope Majola - 940506 5808 083 - 286 Ndumeni Street, GLENCOE, 2930 - *Wandile Nkululeko*
21. Faith Nzama - 900505 6560 089 - Nkonzo Area, FLAGSTAFF, 4810 - *James Faith*
22. Thorisho Macmillan Mashane Makgati - 910317 5485 088 - 6 Church Street, POLOKWANE, 0700 - *Thorisho Macmillan*
23. Ernest Pududuatladi Tladi - 910626 5819 082 - Tembisa, TSWELOPELE, 0069 - *Molebogeng*
24. Nonkwane Pactiance Mncwabe - 951114 0624 088 - 21837 Ezinyathini Reserve, UMBULUMBULU, 4103 - *Nokwanele Patience*
25. Frans Masike - 760612 5749 082 - 3774 Soviet, LETHABONG, 0300 - *Frans Makute*
26. Jimmy Molefi Phokela - 820202 5794 086 - 2648 Thubelisha, GREENVILLAGE, 1818 - *Jimmy Neo*
27. Suzan Moloko - 760722 0374 081 - 2558 Jabulani, Extension 1, Pitsi Crescent, SOWETO, 1868 - *Suzu Dondo*
28. Haward Bongenkosi Mtsweni - 910204 5293 086 - 320 Ga – Motholo, Sovenga, POLOKWANE, 0700 - *Howard Mlayedwa Bonginkosi*
29. Dikgang Kothibe Pebetse Maila - 940306 0635 080 - 124 ZoneR, LEBOWAKGOMO, 0737 - *Dikgang*
30. Kagiso Jonathan Nchabeleng - 930818 5613 088 - 393 Zone B, MANKWENG, 0727 - *Kagiso Jonathan Magogo*

31. Boshiwe Elsie Tivane - 720119 0415 080 - 175 Pellenor Drive, Avathon Estate, BRONBERG, 0081 - *Alcy Elsie*
32. Malcolm Mamputa - 920112 5125 083 - Ny 148 No 45, GUGULETHU, 7750 - *Malcolm Mandisi*
33. Solethu Matshuza - 920129 6323 087 - Coffee Bay Store, MQANDULI, 5080 - *Solwethu*
34. Nsingatheni Anoruis Ngubane - 920130 6265 088 - Silver Stream, MAPHUMULO, 4450 - *Msingatheni Andries*
35. Nicole Elzaida Orain - 930215 0301 084 - 292 Main Road, Wesbank, KUILSRIVER, 7580 - *Nuraan*
36. Mantwa Brenda Tshabalala - 910507 0958 085 - 2375 Swaarts, KROONSTAD, 9499 - *Abigail*
37. Sophy Mathikhithela - 900409 0695 084 - D 50 Extension 14, MOKOPANE, 0600 - *Mokgaetse Sophy*
38. Patricia Mcunu - 920704 0386 080 - Lyttleton Manor, Cy & M, CRADOCK, 0157 - *Thandeka Patricia*
39. Mbongiseni Simakata - 000113 5678 082 - Ntombela, LUSIKISIKI, 4800 - *Khaliphile*
40. Reabetswe Donald Selepe - 010415 5047 087 - 228 Tshiame A, HARRISMITH, 9880 - *Reabetswe Mohalerwa*
41. Onesimo Mali - 990118 0735 086 - 31552 Cosmos Street, CAPE TOWN, 7441 - *Sisanda Onesimo*
42. Cynthia Ntshediseng Tsotetsi - 990628 0339 085 - 210 Walter Sizulu Street, LOTUS GARDENS, 0008 - *Lirontso*
43. Kumaren Tyren Naidoo - 930207 5105 081 - 37 Mouth Vernon, SHAKESPEARE ROAD, 4094 - *Tyren*
44. Someone Manamele Frank Maribe - 880115 5555 082 - Waterfall Barracks, Block N22 A, SIMONS TOWN, 7995 - *Manamele*
45. Evelina Ntseki Ntseki - 940927 1305 082 - St Helena Farm, EXCECSIOR, 9780 - *Maletsatsi Evelyn*
46. Kegomoditswe Rossalia Letsapa - 921206 1166 080 - 21 Agnew Avenue, DUNNOTTAR, 1496 - *Kegomoditswe Rozzaliah*
47. Rendani Jerusalema Masindi - 940628 5747 085 - Mbilwi, SIBASA, 0970 - *Rendani*
48. Remember Chiloane - 950525 0665 089 - 475 Hintsa Isithame, TEMBISA, 1632 - *Tshwanetsi Remember*
49. Johannes Mothata - 960319 1332 081 - Po Box 353, LADANNA, 0704 - *Kholofelo Linah*
50. Cosina Tlou Ramushi - 960801 0434 083 - 13 Bushmaster Street, SERALA VIEW, 0699 - *Annickie Tlou*
51. Selby Nelwamondo - 970720 5542 088 - 67 Madisha Street, Saulsville, PRETORIA, 0125 - *Ndivhuwo Tshisonga*
52. Tsundzukani Treezy Chauke - 960504 6034 085 - 17779 13 Woodfecker Street, PROTEA GLEN, 1818 - *Tsundzukani Mace*
53. Nosakhe Christina Mdlalana - 880626 1335 089 - 147 Smith Street, CAROLUSBERG, 8247 - *Nomthandazo Christina*
54. Tshifhulufhelo Muthabo - 680404 0637 083 - Po Box 48, DZIMAULI, 0975 - *Gladys Thifhulufheli*
55. Ditlabakelo Enos Riba - 720621 5772 084 - Po Box 116, DRIEKOP, 1129 - *Mathetse Enos*
56. Vuyile Mathews Zukelwa - 650304 5924 088 - 62 Napier Street, Forest Hill, JOHANNESBURG, 2000 - *Vuyisile Mathews*
57. Promise Nkanyane - 870316 6339 086 - 7304 Thendekwane Crescent, Extension 9, Marimba Garden, VOSLOORUS, 1475 - *Samuel Heaven*
58. Namhla Mfaniso - 990811 0563 082 - Lukhanyisweni Area, LIBODE, 5160 - *Nomhle*
59. Mandla Baby Myeni - 010326 1276 085 - Po Box 37, XIMHUNGWE, 1281 - *Mandisa Baby*
60. Masonwabe Nobanda - 010405 5936 082 - Ntlaza Area, LIBODE, 5150 - *Kungawo Masonwabe*
61. Boy – Boy Abel Moloi - 780216 5673 080 - No 1190 Mangaung Village, WITSIESHOEK, 9870 - *Sello Abel*
62. Kieran Jan Anderson - 990613 5180 080 - 31 Maplin Drive, PLETTENBERG BAY, 6600 - *Kieran Jean*
63. Betwell Khoza - 781205 5451 083 - 49 Salukwanda Street, Dlamini 2, PO CHIAWELO, 1818 - *Mzi Muzikayise*

64. Veronica Nowandile Gadini - 701025 1030 088 - 5893 Umlazi Street, MFULENI, 7100 - *Nomakhosi Veronica*
65. Sonto Idah Moloi - 720911 1087 086 - 547 Angel Street, RONDEBULT, 1401 - *Sonto Winnie*
66. Mnikhaya Wiseman Siko - 770108 6072 085 - 77 Mbeki Street, Kwanokuhule, PLETTENBERG BAY, 6600 - *Mnikhaya Mnerah*
67. Jan Robert Matswalela - 580617 5948 087 - House No 1403, Ga – Kgapane, MODJADJISKLOOF, 0838 - *Mambane Jan Robert*
68. Gertruida Koopman - 990625 0314 084 - 511 Bergstreet, CALVINIA, 8190 - *Meagan*
69. Raiden Mlungisi Mvelase - 850710 6227 081 - 3419 Neon Street, Kaalfontein, MIDRAND, 3950 - *Joseph Mlungisi*
70. Nomqhibelo Nomthandazo Skosana - 910329 0225 088 - Plot 38 Arbor Road, BRONKHORSTSPRUIT, 1020 - *Ntombi Nomthandazo*
71. Gontse David Lekoma - 770209 5730 085 - 4804 Block 1doornkop, DOBSONVILLE, 1874 - *Gontse Terries David*
72. Sagavela Antie Silinda - 910708 0565 082 - 696 Mavimbela Section, KATLEHONG, 1432 - *Nyeleti*
73. Sibonumzi Tyilo - 930921 6375 085 - 49084 Msenge Street, Amalinda, EAST LONDON, 5200 - *Aphendule*
74. Julius Bulelani Ncala - 810613 6006 084 - 8837 Lali Street, Extension 6, PALMRIDGE, 1450 - *Bulelani*
75. Phina Bantheng Mashilo - 790315 0474 086 - 100 Ajax Road, Heron Hill 264, OLYMPUS AH, 0043 - *Phina Bantheng Seyamošeng*
76. Patrick Sibeko - 750429 5816 080 - 189 Senanone, Po Chiawelo, SOWETO, 1818 - *Simphiwe*
77. Luvo Sandile - 990904 6226 083 - 3 Leigh Court, Kaap Street, BOKSBURG, 1459 - *Luvo Ncedo*
78. Masilo Mohlalifi Babsy Mokgawa - 780615 5814 083 - 1858 Hlongwane Street, Phomolong, TEMBISA, 1632 - *Babsy Tshidi*
79. Shakirah Jacobs - 821231 0083 087 - 51 Bride Street, PAARL, 7620 - *Ashanti*
80. Intisar Joseph - 811230 0229 080 - 4 Angelier Street, Bergsig, MONTAGU, 6720 - *Diane Olivia Rosemary*
81. Nomelikaya Ngqokoma - 820212 0917 087 - Mbalisweni Area, QUMBU, 5180 - *Khuthazwa*
82. Monica Maliwa - 820710 0699 084 - 8 Dante's Cove, Dante Road, REMBRANDT PARK, 2090 - *Monica Khanyisa*
83. Zoleka Ulandie Mgubasi - 830428 0596 089 - 3736 Mandela Square, PRIESKA, 8940 - *Zoleka Yolande*
84. Enrico Johannes Greeff - 831128 5133 081 - 3 Church Street, MIDDELBURG, 5902 - *Henrico Johannes*
85. Walter Evins Lukhele - 830507 5273 081 - House No 12596, MAMELODI EAST, 0122 - *Walter Wallace Evans*
86. Galebowe Mogore - 960107 5381 083 - House No 2248, KLIPGAT, 0202 - *Galebowe Troy*
87. Nduna January Baloyi - 770101 7219 086 - 2217 Comroy Street, Villalisa, BOKSBURG, 1459 - *Maphosa Nduna January*
88. Michael Maseswane Selala - 820712 5608 086 - Ga – Matlala, GLEN COWIE, 1061 - *Michael Maswiswane*
89. Angelinah Ntombizanele Skhosana - 970515 0294 085 - 606 Zone E, ZASTRON, 9950 - *Edwin Mongameli*
90. Molefi Patrick Mokhele - 900904 6079 085 - 2273 Banyane Street, BLOEMFONTEIN, 9300 - *Rickson Patrick*
91. Sylvia Radebe - 900810 0611 080 - 167 Moeti Street, Khutsong South, CARLETONVILLE, 2499 - *Lindokuhle Sylvia*
92. Mobelia Miliswa Tshetu - 850114 0344 085 - 103 Mgwala Street.U.6, MOTHERWELL, 6211 - *Lisa Miliswa*
93. Cynthia Ngoqwana - 940324 0534 088 - 2918 Aldebron Street, Devland, FREEDOMPARK, 1811 - *Cynthia Mbalentle*
94. Angurica Shadellé Johnson - 920808 0834 088 - 10 Kersbos Street, Lentegur, MITCHELLS PLAIN, 7785 - *Akeefah*
95. Kebenegile Cathrine Mmoloki - 871211 0621 085 - Hin A 8, DANOON, 8460 - *Kealeboga Cathrine*
96. Innocent Lentswe Sebilane - 940907 5398 085 - 4045 Themba Sibaya Street, RATANDA, 1441 - *Lebohang Lentswe*
97. Zuzile Lungisile Ndlovu - 990322 0682 088 - 5 Tramway Street, TURFFONTIEN, 2100 - *Slindinkosi Margaret*

98. Indiphile Feni - 980219 5333 083 - Zimbane Area, Po Box 52845, UMTATHA, 5099 - *Liso Indiphile*
99. Ngaka Tertious Mokoena - 010522 5512 083 - 1675 Extension 5, KESTELL, 9860 - *Falakhe Tertious*
100. Ilanza Allie - 970226 0072 089 - 24 Gardenia Street, WORCERSTER, 6849 - *Imaan*
101. Raed Elrico Daniels - 010908 5354 081 - 7 Rha Boksberg Street, Tafelsig, MITCHELLS PLAIN, 7785 - *Mogamad Rafieq*
102. Motitja Johannes Mongalo - 921124 5639 087 - Po Box 5428, POLOKWANE NORTH, 0750 - *Mongalo Johannes*
103. Sakhile Abbieby Maseko - 961209 0404 081 - 017988 Msogwaba, ALDIE, 1215 - *Sakhile Nhlanhla*
104. Fezeka Damane - 900924 1033 085 - Stand No 653, EMTHONJENI, 1170 - *Fezeka Nondyebo*
105. Thamsanqa Kekana - 950310 5470 086 - 981 Danny Kekana Street, Jabavu, SOWETO, 1868 - *Daniel Sindane Thamsanqa*
106. Ally Sambo - 911022 5557 089 - 68 South Street, Die Hoewes, CENTURION, 0163 - *Riley Ally*
107. Elroy Micheal – Angelo Witbooi - 940614 5105 086 - 14 Poplar Street, RAVENSMEAD, 7493 - *Faghrie*
108. John Molodi Mekoa - 980809 5675 085 - 1058 New Town, BAPONG, 0269 - *Tsholofelo John*
109. Matshepo Tsoku - 680906 1109 086 - 745 Lekoma Street, Zone 1, GA – RANKUWA, 0208 - *Sarah Deborah*
110. Lebohang Ngwetjana - 000405 0478 082 - 331 Block A, MABOPANE, 0190 - *Lebohang Patience*
111. Maria Rabaan - 511230 0012 083 - 21 Nastegal Crescent, DELFT, 7100 - *Amiena*
112. Sylvia Tonta - 620318 0178 083 - Ms S Tonta, Eastridge, MITCHELLS PLAIN, 7789 - *Shahieda*
113. Renee Alicia Diedericks - 600924 0060 082 - 22 7th Street, MOOKGOPHONG, - *Reneé Alicia Miriam*
114. Stephen George Dawson - 561209 5101 082 - 4 C Weston Street, Lavenoer Hill, RETREAT, 7945 - *Sharief*
115. Johannes Hendrik Kruger - 561128 5106 083 - 23 Rue Montpellier Street, SOMERSET WEST, 7130 - *Johan Henk*
116. Hillary Mary Kemp - 560301 0163 083 - 17 Abrahams Street, SALT LAKE, 6059 - *Haniefa*
117. Koos Brits - 560115 5153 083 - 27 Bignonia Street, ATLANTIS, 7349 - *Jacobus*
118. Nombedesho Temperance Mfenguza - 731103 0865 087 - 23 Driedoring Street, ALBERTON, 1448 - *Nombedesho*
119. Mmathapelo Sweetness Montsioa - 910615 0638 084 - 2153 Tswana Section, Khutsong, CARLETONVILLE, 2502 - *Keitumetse*
120. Nolutho Banyeli - 000912 0376 083 - 8213 Sweetwaters, KING WILLIAMS TOWN, 5600 - *Lutho*
121. Lebohang Nohana - 001203 0184 084 - 236 – 7 Extension 1, Zone 10, SEBOKENG, 1983 - *Lebohang Mphoenhle Susan*
122. Masenya Jackson Seduke - 590917 5769 089 - Po Box 1632, POLOKWANE, 0700 - *Tsebisho Jackson*
123. Domingo Alexander William Van Der Heyde - 760420 5113 089 - 29 Afrika Avenue, BREDASDORP, 7280 - *Demingo Alexander William*
124. Itumeleng Louisa Phiri - 630822 0332 085 - Stand No 540, Phaphamang, Phake Village, SIYABUSWA, 0472 - *Ephenia Louisa*
125. Nombuzo Busuku - 640208 0906 086 - Dutywa Location, DUTYWA, 5001 - *Nombuzo Nokuphumla*
126. Elekanyani Magidi - 790828 5992 084 - 202 Hamilton Gardens, 341 Visagie Street, PRETORIA, 0001 - *Elekanyani Mpho Harold*
127. Xolisile Nosihle Mkhize - 800430 0879 081 - 437 Magadi Section, KATLEHONG, 1400 - *Xolisile*
128. Patience Naughtygirl Mogomotsi - 760729 0612 089 - 298 B Tinkler Street, Block XX, SOSHANGUVE, 0152 - *Patience Boitumelo*
129. Vineshree Moodley - 780220 0200 089 - 1295 Humphries Street, MARGATE, 4275 - *Jenny*
130. Lee-Anne Mays - 790110 0072 083 - 237 Stanbury Road, BOKSBURG, 1460 - *Lee*
131. Zeyaad Cerff - 780822 5215 085 - 2 Opel Court, 25 Yusuf Gool Boulevard, GATESVILLE, 7764 - *Zeyaad Emir Czar*

132. Melinda Hanekom - 790127 0065 081 - 8 Derby Road, LAKESIDE, 7945 - *Amaarah*
133. Anthia Yolanda Kashem - 790407 0129 081 - 6 Christlene Court, Van Der Riet Street, OUDTSHOORN, 6625 - *Mussamhad Ayesha*
134. René Zenobia Jachman - 800312 0066 085 - 40 Synagogue Street, PAARL, 7646 - *Rabiyah*
135. Denzil Peter Michaels - 800329 5219 089 - 33 Rosemary Crescent, Statice Heights, CAPE TOWN, 8001 - *Nazeem*
136. Roshan Berhardien - 800630 0043 089 - 41 Fenton Road, Salt River, CAPE TOWN, 8001 - *Rushaan*
137. Christefer O'rayn - 801114 5072 087 - 525 Heide Avenue, DELPORTSHOOP, 8377 - *Christopher*
138. Sarah Potts - 750609 0114 082 - 364 Pine Street, Rosedale, Pacaltzorp, GEORGE, 6530 - *Sharon Sarah*
139. Reshma Maharaj - 760508 0161 085 - Galactia Flats, Mitland Street, GREYTOWN, 3280 - *Salma*
140. Nattie Londt - 750311 0167 083 - 91 Deleray Road, Eastridge, MITCHELLS PLAIN, 7785 - *Naeemah*
141. Thabo Decade Khorombi Pilusa - 911109 5147 084 - 23 Mount Royal, MORNINGSIDE, 2196 - *Khorombi Thabo*
142. Lesole David Motaung - 911111 5873 081 - 3595 Braamfischer Ville, ROODEPOORT, 1724 - *Teboho*
143. Karabo Mariement Mosoma - 921125 5773 081 - 4249 Block B, MABOPANE, 0200 - *Karabo Arnold Selota*
144. Mantoa Gloria Motlatsi - 921217 0355 087 - 18871 Grassland 2, BLOEMFONTEIN, 9300 - *Relekane Gloria*
145. Fattny Shokane - 890303 6216 080 - 0539 Thekoane, RUSTENBURG, 0300 - *Fattny Mphele*
146. Okkie Lebelwane Tshidi - 900805 5392 082 - Stand No B122, Manapyane, MARBLE HALL, 0450 - *Okkie Magoweng*
147. Elreza Natasha Williams - 740501 0135 089 - 28 Moffat Street, STELLENBOSCH, 7599 - *Ra-Eesa*
148. Neelaloshni Pillay - 710415 0064 080 - 33 Wattlebrook Crescent, Brookdale, PHOENIX, 4068 - *Viloshni Esther Neelaloshni*
149. Loveira Soutar - 701203 0199 085 - 82 South Road, Rewlatch, ALBERTON, 1450 - *Lovie*
150. Moegamat Hasiem Williams - 700803 5252 085 - 40 Naruna Crescent, SOUTHFIELD, 7800 - *Michael Hassiem*
151. John William Jacobs - 690929 5361 089 - 46 Marcia Street, Lost City, MITCHELLS PLAIN, 7785 - *Jamiel*
152. Howard Walter Prinsloo - 681219 5100 088 - 2 Napiner Street, Green Point, CAPE TOWN, 8001 - *Amy Jean*
153. Rajesh Dayaram Mitha - 700312 5136 082 - 22 Tasmali Street, Treliance Park, VERULAM, 4339 - *Abdul Rashid*
154. Oupa Steven Ntabeni - 700413 5738 081 - 302 Section A, EKANGALA, 1021 - *Takhulu Mphindeli*
155. Patrick Warren Malosi - 731020 5587 088 - 3455 Mokale Street, TLHABANE, 0309 - *Malik*
156. Desiree Matemana - 010831 0525 085 - Ga-Kgoese, DRIEKOP, 0700 - *Mammoge Desiree*
157. Lebohang Mapaseka Betty Masuku - 010412 0236 088 - 4012 A Tshukudu Street, Zone 4, SOWETO, 1717 - *Lebohang Siyamthanda Betty*
158. Nonhlanhla Zwane - 890806 0234 081 - 26795 Norinco Street, Extension 3, KWA THEMA, 1575 - *Nonhlanhla Prudence*
159. Noncedo Olwethu Zinhle Zondi - 011002 0682 081 - 57 Seabrook, 107 Smith Street, DURBAN, 4001 - *Nongcebo Olwethu Zinhle*
160. Siphwe Precious Dube - 010709 0332 084 - A 34 Mazibuko Street, THOKOZA, 1426 - *Simphiwe Precious*
161. Zenani Ratyana - 010207 0699 081 - 413 Ntselamanzi Township, ALICE, 5700 - *Zenani Mbalentle*
162. Mattheuws Katleho Letlaka - 951209 5628 082 - 1283 H 3, BOTSHABELO, 9781 - *Mattheuws Katleho*
163. Jankie Philemon Sekokotla - 660907 5662 082 - P O Box 6100, LEBOWAKGOMO, 0237 - *Frans Jankie Philemon*
164. Khetani Vilent Maluleke - 830224 5561 081 - 3645 David Bopape Street, Extension 6, DIEPSLOOT, 2189 - *Khetani Vincent*
165. Justin Fisher - 880412 5105 087 - 91 Greens Close, CAPE TOWN, 7500 - *Jihad Justin*



166. Wtness Dikgetho Maepa - 990606 0654 083 - P O Box 505, TRICHARDTSDAL, 0890 - *Witness Dikgetho*
167. Veronica Khaleswayo - 810803 0562 089 - 126 Tsenelong, 07 Marko Street, TEMBISA, 1632 - *Khabonina Veronica*
168. Kgontse Kabelo David Mashilo - 940129 5206 081 - 157 Dolphin Street, Extension 1, LAWLEY, 1700 - *Jacobo Kabelo David*
169. Malebo Rebecca Phago - 890911 0351 081 - 127 Block Ww, Umqwaqu Street, SOSHANGUVE, 0152 - *Malebo Rebecca Zoe*
170. Mmoti Suzan Agnes Phooko-Ntshabeleng - 731210 0547 084 - 565 Unikop, Flat 409, Adcock Street, GEZINA, 0001 - *Mmoti*
171. Makopa Kamogelo Senthumule - 010522 5538 088 - P O Box 228, SESHGO, 0742 - *Brandon Kamogelo*
172. Mapitsi Fridah Radebe - 890703 0411 084 - 157 Thembelihle Village, 83 Struben Street, PRETORIA, 0002 - *Thuso*
173. Nkwane Cedwyn Taelo Swana - 950424 5821 089 - 100025 Masanteng Village, GROBLERSDAL, 0454 - *Mosoathupa Sente Cedwyn*
174. Alfred Lebogang Zulu - 740819 5716 087 - 132 Elm Street, KLIPRIVER, 1871 - *Nobamba Buti Alfred Lebo*
175. Eunice Ntombizuthi Mhlanga - 861121 0328 080 - 4722 Extension 23, EMZINONI, 2310 - *Eunice*
176. Tshegofatso Brian Nkadimeng - 960812 6034 082 - 28 Columbia Street, EVANDER, 2280 - *Seraki Tshegofatso*
177. Tumelo Mohamoud - 860605 0805 080 - 24275 Extension 16, EMBALENHLE, 2285 - *Samiira Tumelo*
178. Meninda Nosipho Xokelelo - 740811 0730 080 - Ny 10 – No 61, Section 2, GUGULETHU, 7750 - *Melinda Nosipho*
179. Modiege Francina Mabona - 951029 0227 080 - Phomolong Section, LEPHALALE, 0555 - *Joy*
180. Thabang Nkoana - 940407 5495 080 - 36001 Ntswila Street, Extension 6, MAMELODI, 0100 - *Maesela Thabang Kenneth*
181. Johannes Kekana - 931117 5879 081 - 48 O'relly Road, Flat 108, CEDARWOOD, 2001 - *Thoriso Maesela*
182. Sibonginkosi Lempe - 991219 5083 081 - 785 Zone 6, SEBOKENG, 1983 - *Rethabile*
183. Sanna Kgabi - 870213 0714 085 - 10654 Verdwaal 2, ITSOTENG, 2744 - *Dimakatso Sanna*
184. David Mphara Mogale - 810814 5767 086 - 97 Galangal Street, House No 2523, LOTUS GARDENS, 0008 - *Mphara*
185. Billy Mputi Sebothoma - 730911 5929 083 - No 20102, SIYABUSWA, 0472 - *Billy Jan Mputi*
186. Sumaya Cameeda Ismail - 980904 0080 082 - 7 Smit Street, Elsburg, GERMISTON, 1400 - *Simone Damevlyn Van Louw*
187. Mahloko Mokati - 940829 5329 086 - 173 Macheke Street, Nyakallang, ALLANRIDGE, 9490 - *Christian Kgotso*
188. Margaret Phikhona Mahlaba - 771023 0235 084 - 1666 Mashinini Street, EVATON, 2001 - *Margaret Maggy*
189. Mita Sina Marota - 710430 0663 088 - D 95 Kgaphamadi, MDUTJANA, 0472 - *Terrence*
190. Nobuhle Nobhie Nhleko - 720519 0745 081 - No 164, ARHEMBURG, 1192 - *Nobuhle Nobhie Pretty*
191. Mitchell Mechack Ketse - 700121 5941 080 - 51 Mali, Kwa-Nobuhle, UITENHAGE, 6230 - *Mechack*
192. Andries Itumeleng Botlhokwane - 830514 5383 084 - 4725 Hugo Street, MOHLAKENG, 1700 - *Pappas Itumeleng*
193. Joseph Xhakaza - 900605 5931 081 - 8160 Msikelwa Road, Magwaveni, TONGAAT, 4399 - *Siphiwe Joseph*
194. Nomawethu Mgweba - 850801 0594 087 - 1919 Joyce Street, Unathi, Cross Roads, NYANGA, 7755 - *Nomawethu Alicia*
195. Karabo Matome Mokobane - 990811 5137 080 - 1512 Ijuba Street, Extension 2, EBONY PARK, 0100 - *Karabo Maputla Donald*
196. Dikeledi Glanrose Maake - 810816 0402 080 - 108 Vosloo Street, BIRCHLEIGH, 1619 - *Dikeledi Glanrose Maenetja*
197. Nkululeko Muzikayise Kubeka - 970521 5092 086 - 10 Marula Gardens, 125 Cornelis Street, Fairland, RANDBURG, 2125 - *Anthony Nkululeko Muzi*
198. Phillemon Thabiso Moeletsi - 990709 5683 089 - 62239 Zone 17, SEBOKENG, 1983 - *Thabiso*

199. Ndifelani Mphohoni - 960928 0645 085 - 31 Avonmouth Crescent, Parklands, CAPE TOWN, 6900 - *Matamela Ndifelani Mufunwa*
200. Piet Itseng Mocwadira - 800308 5461 081 - 4473 Extension 3, Basupi Street, KANANA, 2001 - *Itseng Peter*
201. Sithandiwe Sigudu - 830323 5768 082 - 3 Main Road, Lanquedoc, GROOT DRAKENSTEIN, 7680 - *Sithandiwe Multi*
202. Jwalane Alina Tshabalala - 970311 0428 083 - 2596 Extension 1, BOIPATONG, 1901 - *Blessing*
203. Cwayita Hapiness Wulana - 810603 0387 085 - 102 New Church Street, TAMBOESKLOOF, 8001 - *Cwayita Anita*
204. Lethebe Gerard Dikgale - 791026 5621 089 - Elephants Hill, BURGERSFORT, 1150 - *Lethebe Gerald*
205. Thuto Letuba Metsana - 971026 5265 087 - 1235 Rockdale, MIDDELBURG, 1050 - *Jonathan Jamie*
206. Dabby Sotcha Mantshiwa - 910708 0823 085 - P O Box 10109, Mmaletswai Village, LEPHALALE, 0555 - *Dabby Sotcha Bontle*
207. Nalvano Angelo Niekirk - 910524 5396 088 - 34 Navarre Crescent, Extension 13, BELHAR, 7493 - *Nizaam*
208. Apelile Marasha - 980119 0495 087 - Ngwevana Area, MQANDULI, 5080 - *Aphelele*
209. Darion Shawn Whiteman - 940908 5107 088 - 16 Holland Road, Bayview, STRANDFONTEIN, 7798 - *Dayyaan*
210. Priscilla Thembakazi Moya - 840425 0629 082 - 45 Tuscan Waters, Gie Road, Parklands, TABLE VIEW, 7441 - *Zimkhitha Thembakazi*
211. Claudene Maneul - 970717 0139 084 - 184 The Hague Avenue, The Hague, DELFT, 7100 - *Claudine*
212. Fuzeka Jali - 790412 0779 083 - 2776 – 18th Avenue, CLERMONT, 3610 - *Fezeka Pretty*
213. Rhoda Chawane - 960421 0531 083 - Stand No 1299, MKHUHLU, 1246 - *Rhoda Ntombenhle*
214. Sphelele Mhlongo - 951026 5853 084 - Mnyandu Road, T Section, UMLAZI, 4001 - *Lyaphazima Sphelele Mkhebeza*
215. Ezekiel Langa - 570906 5726 086 - 1624 Nestine Street, NATURENA, 2064 - *David Mafangane Ezekiel*
216. Kukhanyakwenkosi Raphael Ndwandwe - 880820 5617 085 - P 880, UMLAZI, 4066 - *Kukhanya Raphael*
217. Pogiso Petrus Polokase - 811111 5429 083 - 2414 Joe Slovo, Munsieville, KRUGERSDORP, 1740 - *Thapelo Petrus*
218. Ndirine Lufhugu - 941123 0151 086 - 746 Corlett Avenue, Witpoortjie, ROODEPOORT, 1724 - *Ndirine Kim*
219. Mlindeli Wilfred Sithole - 850304 5689 085 - A 607 Uhuru Road, Kwadabeka, CLERNAVILLE, 3601 - *Mlindeli*
220. Thapelo Segogela Soafo - 860204 5676 082 - P O Box 171, MATHABATHA, 0733 - *Mogau Boroko*
221. Mahludi Regina Letsoalo - 880809 0564 087 - 142 Thabo Mbeki Street, Fauna Park, POLOKWANE, 0699 - *Mahlatse Regina*
222. Mbaluleki Ndaba - 000922 5282 087 - 1684 Unit J, IMBALI, 3201 - *Mbaluleki Siphephelo*
223. Lucilee Mokhari - 991214 0260 081 - 582 Kanana, HAMMANSKRAAL, 0400 - *Rorisang Lucilee*
224. Jeremia Mothobi Lakaje - 951024 5881 080 - 18927 Extension 14, Zone 14, SEBOKENG, 1983 - *Jeremia Mothobi Bongani*
225. Mamotshabo Portia Sekgobela - 871225 0681 089 - Lambani, THOHOYANDOU, 0950 - *Portia*
226. Maleshwane Rebecca Seleteng - 910309 0950 083 - House No 145, Mositwane Section, LEROME, 0318 - *Lethabo Rebecca*
227. Goeneone Mongala - 960920 0729 084 - A 16 Konke Village, SEOG, 8617 - *Goemeone*
228. Claudia Alice Adams - 941210 0150 083 - 10 A Ashley Crescent, LAVENDER HILL, 7941 - *Dhaakirah*
229. Sikhumbuzo Isaya Nkomo - 870419 5680 086 - 1906 Extension 2, Ivory Park, MIDRAND, 1685 - *Isaya Celestial*
230. Alexia Katherina Comititis - 970604 0081 088 - 28 Mozart Road, 10 Philadelphia, HONEYDEW RIDGE, 1700 - *Alexia Katherina Lanzi Comititis*
231. Isaac Cilo - 790311 5679 084 - Nicamngeni Location, KING WILLIAMSTOWN, 5600 - *Xhanti Isaac*
232. Hlayiseko Cremnation Mabasa - 010523 0457 084 - 1308 Mapiko Village, LULEKANI, 1390 - *Hlayiseko*

233. Pontsho Molimi - 980719 0658 087 - 1213 B, MAJEJE, 1220 - *Pontsho Didintle*
234. Trelownet Masia - 980918 5601 080 - P O Box 985, LENYENYE, 0857 - *Moye*
235. Lebogang Millicent Makole - 810701 0741 085 - 521 Section B, Mila Street, MAMELODI WEST, 0182 - *Lebogang Mmakgosi Millicent*
236. Delisile Brenda Dlulane - 800515 0349 083 - 37 Mokwetje Street, Emoyeni Section, TEMBISA, 1682 - *Matshidiso Delisile Brenda*
237. Keletso Advice Makua - 961103 0769 082 - Ga-Masemola, JANE FURSE, 1085 - *Advice Mokganyetsi*
238. Floid Mozinyo Mabona - 990726 5505 088 - 3718 Extension 4, ZITHOBENI, 1024 - *Floyd*
239. Mapula Rosinah Rantletse - 780123 0752 085 - 765 Block Pp, SOSHANGUVE, 0152 - *Sefora Debrah*
240. Sihe Eugene Shibe - 020821 5745 083 - Ward 14, Modloba Location, PORT SHEPSTONE, 4240 - *Sihsenkosi Eugene*
241. Modiehi Motaung - 930326 0927 081 - 1690 Mfula Boulevard Street, Extension 1, LAKESIDE, 1900 - *Modiehi Monica*
242. Thabo Ignitius Moledi - 910111 5369 081 - 14282 Extension 7 B, EVATON, 1900 - *Itumeleng Ignatius*
243. Mmakoto Irene Modiba - 960829 0382 085 - 791 Etsane Stand, Ten Morgan, WINTERVELDT, 0198 - *Amogelang Irene*
244. Letlhogonolo Richie Ramalope - 971003 5432 082 - 0010 Lethabong Section, KLIPGAT, 0100 - *Timothy*
245. Nozipho Jwayelani Mbhele - 960201 0888 083 - P O Box 297, HIGHFLATS, 3306 - *Nozipho*
246. Neil Miemmies - 671201 5167 087 - 56 Bignonia Street, Lentegour, MITCHELLS PLAIN, 7785 - *Nathiem*
247. Karin Verschoor - 620605 0118 089 - 18 Adam Tas Avenue, BOTHASIG, 7441 - *Karin Petro*
248. Carl Johan Naudé - 630124 5008 087 - 153 Vygekraal Road, Primrose Park, CAPE TOWN, 7800 - *Yunus*
249. Russell Albert Woodman - 631015 5239 087 - 52 Flute Street, RETREAT, 7945 - *Rashied Albert*
250. Johan Magrietha Jacoba Fouché - 631206 0138 081 - 287 Pruinosa Street, DORANDIA, 0110 - *Magrietha*
251. Cynthia Daniella Van Eeden - 640929 0036 083 - Erf 224, Seven Passes Road, WILDERNESS, 6500 - *Daniella Cinzia Ransby*
252. Michael Edward Beyers - 660330 5645 082 - 159 Voetboog Road, Schotche Kloof Flats, CAPE TOWN, 8001 - *Mujaahid*
253. Muniamma Naidoo - 660526 0234 083 - 99 Towlen Place, Lenham, PHOENIX, 4020 - *Mala*
254. Letasha Menum Bonfig - 670110 0561 080 - 18 Reservoir Road, EAST LONDON, 5200 - *Latasha Menum*
255. Suzette Vlotman - 671102 0084 089 - 3826 Bodgerlane, BRONKHORSTSPRUIT, 0100 - *Sarah*
256. Bornphathios Makgato - 900418 5950 089 - 254 Hamaksato, BOTLOKWA, 1020 - *Kopu Bornphathios*
257. Thabo Mathews Mokale - 870725 5725 089 - 901 Zone 4, SESHEGO, 0742 - *Thabo Samuel*
258. Winiswa Rani - 890127 0574 081 - 18 Phofu Street, Elephant Hills, BURGERSFORT, 1150 - *Lindarose Tomondo*
259. Teboho Geraldus Isaac Motoeng - 780602 5280 085 - 102 Santa Margherita, 9th Street, KILLARNEY, 2193 - *Isaac Geraldus Teboho*
260. Mulalo Romeo Mabija - 860531 5640 084 - 16 Suikerbos Street, Tasbet Park, Extension 1, EMALAHLENI, 1050 - *Daniel Mulalo Romeo*
261. Andile Ishmael Makhamba - 870708 5326 082 - 8110 Phase 4, BLOEMFONTEIN, 9300 - *Peter*
262. Siyabong Sibeko - 970704 5599 082 - Stand No 679, Walter Sisulu, DENNILTON, 1030 - *Siyabonga Prince*
263. Karikana Joseph Madisha - 790109 5402 089 - Lenting Village, GA-MPHAHLELE, 0736 - *Kgoshiyagofa Matthews*
264. Frans Maxhalanga - 981116 6169 087 - Plot 18, PRETORIA, 0001 - *Frans Lesiba*
265. Monampane Mampuru - 701001 5699 087 - 5571 Extension 10, Refilwe, CULLINAN, 1003 - *Elias Makete*
266. Mpho Ezra Moletse - 740711 5750 085 - 123 Nyoni Circle Street, Ecaleni Section, TEMBISA, 1632 - *Gift Buhlebuyeza*



267. Wilberforce Joseph Khazamula - 790621 5553 083 - 440 Korhaan Street, Rabie Ridge, MIDRAND, 1685 - *Willy Joseph*
268. Bridget Mabusela - 000824 0692 080 - 4900 Legodi Street, Section OD2, MAMELODI WEST, 0122 - *Thato Bridget*
269. Alfred Molahlegi Makua - 931130 5521 082 - Stand No Z2c 341, TAFELKOP, 0474 - *Alfred Moruleng*
270. Philna Kruger - 990427 0975 083 - 5 Skool Street, SENEKAL, 9600 - *Karina*
271. Bonchovi Alvin Pienaar - 910629 5037 085 - 288-30th Avenue, VILLIERIA, 0186 - *Bonjovi Alvin*
272. Jeffrey Mantsitu Lerutla - 000820 5374 088 - 7198 Extension K, MHLUZI, 1053 - *Jeffrey Nkululeko*
273. Themba Dlamini - 980524 5807 089 - 16 Nonyana Street, Monisi Section, KATLEHONG, 1431 - *Themba Jethroh*
274. Edwin Manala - 961005 5785 080 - Zzp 83 Brazzaville, ATTERIDGEVILLE, 0008 - *Lekau Edwin*
275. Ditumeleng Regent Maila - 991224 0088 085 - 700 Klipsyster, ROSLYN, 0200 - *Boitumelo Pearl*
276. Tankies Collen Selemela - 890629 6217 086 - 661 Mogolantethe Street, ESIKHAWINI, 3887 - *Tankiso Collen*
277. Anemie Jeniffer Lotz - 890905 0255 086 - 35 The Village, WATERLAKE FARM, 6084 - *Ava Jeniffer*
278. Thabiso Malindi Nkanyane - 910613 6224 082 - Ha-Matsa Village, NZHELELE, 0993 - *Thabelo Charles*
279. Nkosnathi Nicho Mabena - 940921 5593 082 - 17199 Extension 17, EMBALENHLE, 2288 - *Kgaugelo Nkosnathi Nicho*
280. Mthobisi Prince Sithole - 980923 6297 086 - Stand No 966, TURFFONTEIN E, 1022 - *Prince Ndimande*
281. Tanita Danae Francis - 990724 0093 085 - 60 Inyoni Roseacre, Extension 1, JOHANNESBURG, 2197 - *Tanita Danae Francis*
282. Tsepang Penyenye - 980905 5279 082 - A441 Vusumuzi Section, TEMBISA, 1632 - *Tsepang Elijah*
283. Theophilus Bokang Bodumele - 850819 5462 084 - 1386 Bokamoso Street, Diepsloot, JOHANNESBURG, 2000 - *Theophilus Bokang Ishmael*
284. Mhlupheki Alfred Mthethwa - 720403 5416 081 - 22 Pebble Creek, Sugar Bush Estates, NOORDHIEWEL, 1739 - *Jabulani Alfred*
285. Sandile Hopewell Dlamini - 861014 5806 087 - Unit 35 Anfield Close, Boxer Street, North-Riding, RANDBURG, 1724 - *Sandile Hope*
286. Mmamathlaha Moses Makhaya - 981001 5021 085 - 1376 Lefatlheng Section, MATHIBESTAD, 0418 - *Mareka Moses*
287. Mosebetsi Job Moloi - 821022 5648 085 - No 1592 Moleleki Section, Extension 3, KATLEHONG, 1401 - *Mosebetsi Mbongeleni*
288. Kgoloko Thabang Nkadimeng - 980612 5556 085 - Mashilabele Village, SEKHUKHUNE, 1124 - *Thabang Mokwena*
289. Kamohelo Phokojoe - 960712 5275 084 - 30409 Dithoaneng Section, BODIBE, 2741 - *Kamohelo Lwazi*
290. Katlego Maree Bagapi - 951104 5574 081 - House No 887, Maruping Village, KURUMAN, 8460 - *Katlego Donovan*
291. Tshepo Swapa - 891230 5442 087 - 4874 Extension 4, SOSHANGUVE SOUTH, 0152 - *Tshepo Swapa*
292. Yaseen Mahomed - 840620 5276 083 - 56 First Street, Hillary, DURBAN, 4094 - *Quinton*
293. Philisiwe Buyaphi - 890510 0736 083 - 80 Plovers West, Parklands Estate, PARKRAND, 1459 - *Philisiwe Kabutsha*
294. Terence Vincent Mabena - 800406 5637 088 - 7294 Tahle Street, DAVEYTON, 1520 - *Bangandi Vincent*
295. Khwathelani Witness Nemavhidi - 810503 5490 084 - Tshitunitshafasi Area, Gauhe, DZANANI, 0955 - *Ridovhusa Thanzi Mathalise*
296. Caslynn Porthen – 991213 0186 080 – and a minor child – Zaheer Mason Porthen – 171218 5504 080 - 08 Kelkiewyn Street, Tedstoneville, GERMISTON, 1428 - *Caslynn Zainub*

## DEPARTMENT OF HOME AFFAIRS

NO. 26

17 JANUARY 2020

**ALTERATION OF SURNAMES IN TERMS OF SECTION 26 OF THE BIRTHS AND DEATHS REGISTRATION ACT, 1992 (ACT NO. 51 OF 1992)**

The Director-General has authorized the following persons to assume the surnames printed in *italics*:

1. Sharon Thato Nkadameng - 950718 0477 080 - 145 Jensen Road, The Orchards, PRETORIA, 0982 - *Mahuma*
2. Siphon Gordon Ximba - 830323 5948 080 - 5610 Eiselen Street, DAVEYTON, 1520 - *Ratlhahane*
3. Sicelo Lwazi Bruce Biyela - 890617 5494 087 - Njekane Area, Ethembeni, KWADUKUZA, 4450 - *Mthalane*
4. Fana Enoch Mlangeni - 900129 5468 085 - 8050 / 2 N N Kaunda Street, WITBANK, 1039 - *Mndawe*
5. Sphamandla Derick Nxumalo - 000411 5840 086 - Qoqoda Area, NONGOMA, 3950 - *Mtshali*
6. Lucky Boysie Mbeje - 860405 5383 088 - 78 Chiltern Flats, Williamson Street, SCOTTBURGH, 4180 - *Gumede*
7. Fikile Nokukhanya Majola - 980430 0853 088 - 370 Ohlange, INANDA, 4310 - *Dubazane*
8. Thabang Peter Rakabinyane - 940320 5588 087 - No 18020, SOSHANGUVE, 0152 - *Monyebodi*
9. Lorraine Matshediso Maumakwe - 810629 0386 082 - 10013 Gunridge Park, RUSTENBURG, 0300 - *Choabi*
10. Sandile Nojiyeza - 920711 5450 084 - 196157 Inyoni Area, INANDA, 4310 - *Nyanda*
11. Promise Slindile Thabede - 831016 0317 082 - G 1152 Thalemi Road, KWAMASHU, 4360 - *Shelembe*
12. Silindile Desiree Cele - 880318 0607 086 - 34 Yellowwood Street, Craigieburn, UMKOMAAS, 4120 - *Mngunyana*
13. Kgothatso Sandra Leeuw - 990401 0080 087 - 111 Umzimvube Street, Kwanle Proper, KATLEHONG, 1430 - *Sebothoma*
14. Buthanani Goba - 910604 5806 086 - 6 – 10 Anderson Street, MARSHALLTOWN, 2001 - *Thobela*
15. Xolani Sthembiso Manyike - 900106 5500 083 - Bhokiswane Trust, HAZYVIEW, 1242 - *Mathebula*
16. Mngqobi Ntobela - 960625 5839 081 - Danganya Area, UMKOMAAS, 4170 - *Muthwa*
17. Siyabonga Xaba - 980701 5313 082 - 17 Villiers Street, Kenmore, KRUGERSDORP, 1739 - *Dlamini*
18. Lucas Sanyana Mnisi - 701107 5462 085 - 3165 / 3 Leswega Street, MAHUBE, 0122 - *Sibiya*
19. Sinazo Nkani - 000430 1076 081 - 24833 Mbulwa Street, Wallacedene, KRAAIFONTEIN, 7570 - *Nombebe*
20. Aubrey Mpedi Theko - 651006 5614 085 - 19 B Preeti Close, RUSTENBURG, 0299 - *Skhosana*
21. Nhlanhla Luck Zulu - 901116 5461 086 - 15 Webside Close, Caneside Area, PHOENIX, 4068 - *Mbatha*
22. S'celo Ernest Buthelezi - 881103 5534 082 - No 103, JEPPESTOWN, 2010 - *Mtambo*
23. Kgotlelo Bassett Matea - 970111 5347 084 - Stand no A199, Thabakubedu Village, GROBLERSDAL, 0480 - *Mohlamonyane*
24. Pricilla Palesa Nonyane - 960220 0400 087 - No 10036, ALLEMANSDRIFT, 0001 - *Mgiba*
25. Sibusiso Abram Mbonani - 920507 5644 084 - 71013 Block XX, SOSHANGUVE, 0152 - *Mofokeng*
26. Rebene Margaret Mashifane - 750625 0771 085 - Jane Furse Village, JANE FURSE, 1085 - *Malatji*
27. Sibusiso Steve Mahlangu - 930102 5362 081 - 1773 Mandela, MASHISHING, 1120 - *Mathebula*
28. Emmanuel Sifiso Shongwe - 921216 5764 087 - 2495 Mkwena Street, Thubelihle, KRIEL, 2271 - *Msibi*
29. Amos Modisaotsile Jacobs - 930410 5810 086 - 10244 Matshepe Village, MAHIKENG, 2130 - *Diphahe*

30. Mthokozisi Kenneth Radebe - 880218 5576 080 - 385 Samela Drive, Unit 13, PIETERMARITZBURG, 3200 - *Mshengu*
31. Tendamudzimu Modise - 880929 5506 089 - 1989 Vogelgezag, MAKHADO, 0920 - *Tshivhase*
32. Tammy Lungelo Nhleko - 010514 5747 082 - Private Bag X618, UBOMBO, 3970 - *Thabethe*
33. Nkwesheng Ronald Mokone - 850929 5622 080 - Stand no 1155, Dikoting, SESHEGO, 0742 - *Maake*
34. Sibusiso Khehle Dlezi - 780505 6345 080 - Dozaneni Location, Ward 10, MUNSTER, 4278 - *Ngeleka*
35. Nothemba Molehe - 010403 0361 083 - 4680 Extension 2, Madechaba, DUDUZA, 1496 - *Ndlovu*
36. Tefo Shadrack Chiloane - 830912 5906 088 - 3772 Thabong, WELKOM, 9460 - *Mopai*
37. Sakhile Thulani Sibeko - 900411 5340 088 - 1249 / 66 Liverpool Street, Extension 1, LENASIA, 1827 - *Ntuli*
38. Thabang Albert Ramoseme - 980701 5197 089 - P O Box 5034, BUSHBUCKRIDGE, 1280 - *Marule*
39. Sinobulelo Sibanga - 000223 5500 085 - Phase 1, Thabo Mbeki, SLOVO PARK, 5010 - *Fana*
40. Sibongiseni Proffessor Ngcobo - 890724 5547 086 - Room 407, Block 15, UMLAZI, 4001 - *Nyadi*
41. Thapelo Mseleku - 010831 5956 087 - K 168 Bhukulwandle Area, AMANZIMTOTI, 4100 - *Mahlomuza*
42. Dumisani Fihuchico Mpungose - 870610 6734 084 - Kwesakwabiya, EMPANGENI, 3900 - *Mkhize*
43. Sebalisi Siphokweni - 790310 5943 086 - 181 Ga-Madiseng, BURGERSFORT, 1150 - *Mosoma*
44. Sthembile Zanele Zondi - 880806 0259 080 - 3054 Solomon Mzolo Village, GREYTOWN, 3250 - *Mhlongo*
45. Vania Adelina Mpanza - 940608 0413 081 - 340 Bester Area 1, INANDA, 4310 - *Nhambel*
46. Marcus Marisane Buti - 600828 5760 085 - 100071 Lefijoane, SIYABUSWA, 0472 - *Chaane*
47. Nontobeko Ndimande - 000910 0956 086 - Nhlangenyuka Reserve, MTUNZINI, 3867 - *Zulu*
48. Zipho Cyprian Ramafemo - 820119 5798 083 - 111 Kareen Drive, Cartworth Estate, MIDRAND, 1600 - *Mbatha*
49. Thando Urgent Masinga - 940222 5820 082 - P O Box 18, LEBOWAKGOMO, 0737 - *Lekgeu*
50. Cathrine Mahlatse Radebe - 940316 0301 088 - 467 A Brittlewood Avenue, Thatchfield, GLEN THE REEDS, 0158 - *Marengwa*
51. Necho Kholoane - 840330 5649 087 - 1984 Steve Tshwete, LADY GREY, 9755 - *Nthako*
52. Bongani Simon Mthembu - 711024 5589 080 - 10028 Turkmeistan Crescent, Cosmo City, Extension 8, PONGOLA, 3170 - *Myeni*
53. Lesedi Mamakiri Mafokwane - 001209 0323 085 - 26 Heights Crescent, Wood Country Estate, MIDRAND, 1685 - *Lando*
54. Mpho Fanny Nkolobe - 920216 6090 087 - 20316 Clinic Section, MAJAKANENG, 0359 - *Sibanyoni*
55. Jessica Leigh Steyn - 940831 0026 089 - 7 Breaside, Black Ridge, PIETERMARITZBURG, 3200 - *Durandt*
56. Brian Tebogo Moeketsi - 841225 6769 083 - 2409 Ubhophovi Street, Naledi, SOWETO, 1717 - *Sengale*
57. Thobisile Khubone - 880904 1387 081 - Maqoleni, BULWER, 3244 - *Mbizani*
58. Relebohile Samuel Nyangwa - 950509 5642 087 - 25599 Andrew Nche Street, Phase 2, BLOEMFONTEIN, 9301 - *Mangoejane*
59. Sithembile Gumede - 000720 0443 088 - 652 Mpungushe Road, Quarry Heights, DURBAN, 4001 - *Hlangwe*
60. Thabani Petros Mdujana - 830103 5305 089 - 86726 Amaoti Area, INANDA, 4310 - *Nxumalo*
61. France Moloantsoa - 001107 5641 081 - 1719 Extension 3, MOOKGOPHONG, 0560 - *Thulare*
62. Mmamoloko Moses Maifo - 650723 5552 088 - 1655 Extension 4, Kaalfontein, MIDRAND, 1685 - *Chokwe*
63. Sandile Hendrick Siwela - 831006 5333 085 - Peacetown, LADYSMITH, 3370 - *Dlamini*

64. William Mohau Moyo - 901016 5473 083 - 1037 Tau Section, Luka, RUSTENBURG, 0300 - *Tsheola*
65. Khutso Loisa Mokgotho - 941120 5721 087 - P O Box 621, BURGERSFORT, 1150 - *Shai*
66. Yusuf Mohammad - 010318 5680 081 - 68 St Albans Avenue, Mayfair West, RANDBURG, 2092 - *Patel*
67. Teboho Jerry Kotane - 000819 5736 080 - 3062 Rockalder Street, Extension 15, NATURENA, 2090 - *Makhetha*
68. Bayanda Theodore Miya - 940706 5249 086 - 2584 Mthiyane Avenue, LAMONTVILLE, 4027 - *Njoko*
69. Siyanda Ntandoyenkosi Thethwayo - 930605 5457 081 - 727 Saligna Road, MTUBATUBA, 3935 - *Msane*
70. Andile Sandiso Thethwayo - 930605 5456 083 - P O Box 379, MTUBATUBA, 3.935 - *Msane*
71. Maqhawe Lethukuthula Thethwayo - 890515 5701 081 - Ogengele Reserve, MTUBATUBA, 3935 - *Msane*
72. Nkosikhona Nsizwa Mkhize - 890713 6146 089 - Okhalweni Area, OZWATHINI, 3242 - *Ngcobo*
73. Joseph Maserole Aphane - 811215 6107 083 - 4156 Eletsega Street, Extension 4, NELLMAPIUS, 0122 - *Moholola*
74. Lungisani Nqobani Manqele - 850304 6328 089 - B 769 Idada Road, EMPANGENI, 3110 - *Maphumulo*
75. Anele Memela - 000327 5911 083 - Bovini Location, HIGHFLATS, 3306 - *Mapumulo*
76. Teboho Doctor Molekoa - 960425 5299 083 - 17542 Zone 14, SEBOKENG, 1953 - *Moloi*
77. Yamkela Mkhengu - 991204 6003 080 - Machubeni Area, LADY FRERE, 5410 - *Mabali*
78. Inga Mngesi - 960501 5229 088 - K 69353 Mthunzi Street, Site B, KHAYELITSHA, 7500 - *Mongo*
79. Kamogelo Malomane - 921201 6242 085 - 28574 Mokgoba, Etwatwa, DAVEYTON, 1500 - *Mokwana*
80. Sinah Tebogo Nape - 980112 0601 085 - 12095 Block X, MABOPANE, 0190 - *Mosupye*
81. Setjhaba Gordon Thokoane - 940828 6342 080 - 12765 WEssels Mota, Zone 11, SEBOKENG, 1983 - *Ramokoatsi*
82. Thabo Gift Mathiba - 980730 6017 087 - 17 Vela Street, Extension 9, WINDMILL PARK, 1501 - *Madela*
83. Nokwayiyo Sibiza - 921230 0987 080 - Ntsitho Village, TSOMO, 5400 - *Siziba*
84. Sithembiso Siphelele Blose - 941222 5261 088 - Mvoti Area, MAPUMULO, 4400 - *Nzuza*
85. Stemmer William Mashung - 600304 5778 089 - Stand no 1254, Napier Section, MMAMETLHAKA, 0472 - *Phokwane*
86. Matlhatsi Lucky Mahlakoana - 920430 0542 080 - 80180 Majakaneng, BRITS, 0250 - *Moropane*
87. Thabang Senonohi - 900717 5454 087 - 1834 Zone E, Ikhusong, WARRENTON, 8530 - *Motaung*
88. Mojile Jacob Makuwa - 720610 6201 086 - 51 Jack-Phala Street, KWA THEMA, 1501 - *Leso*
89. Tjama Godfrey Mkasi - 710201 5897 082 - P O Box 122, BURGERSFORT, 1150 - *Masinga*
90. Glodius Shelomone Mashigo - 730824 5866 082 - 297 Block HH, SOSHANGUVE, 0152 - *Malapane*
91. Sakhile Prosperity Nyathi - 880427 5382 080 - 2099 Mohlaela Street, Extension 4, KWA-GUQA, 1050 - *Sithole*
92. Keke Wilton Kabinde - 750522 5791 087 - 1216 Skhosana, WINTERVELDT, 0198 - *Mthembu*
93. Nosimiso Ngubane - 000721 0380 080 - Malangeni Area, UMZINTO, 4100 - *Gumede*
94. Masego Emily Motlhetli - 950217 0280 081 - 380 Maphuta Street, KIMBERLEY, 8300 - *Masisi*
95. Mokgadi Popela - 971001 0578 081 - E 67 Mbhele Street, GUGULETHU, 1559 - *Mogofe*
96. Mnikhaya Ezekiel Mofokeng - 890417 5386 080 - House no 2837, Extension 1, ORANGE FARM, 1805 - *Mabaso*
97. Obakeng Liefie Ditlhoiso - 790520 5797 080 - 65 Tshenolo Street, Groenwater, POSTMASBURG, 8420 - *Goeiman*

98. Nakedi Elizabeth Mogale - 000203 0285 080 - 674 Zone 5B, POLOKWANE, 0700 - *Thema*
99. Itumeleng Morongoa Maduwe - 001203 0603 083 - 484 Extension 17, Rekhuditse Street, MOKOPANE, 0600 - *Thage*
100. Mmamma Phina Molokomme - 800704 0610 088 - 20207 Tanyatsoalo Village, REBONE, 4617 - *Seanego*
101. Wardah Julies - 950606 0783 088 - 48 Rainbow & Harmony Village, MITCHELLS PLAIN, 7789 - *Nolah*
102. Motjedi Lenah Manamela - 010726 0424 083 - House no 10069, Rawele Mapela, MOKOPANE, 0600 - *Gadebe*
103. Sinethemba Ngcobo - 911112 0352 089 - NO 480472, Waterworks Road, Smeroe Location, PIETERMARITZBURG, 3200 - *Msimang*
104. Nothando Pretty Vunandlala - 880822 0398 083 - 21 Clodagh Road, Farmead, PIETERMARITZBURG, 3200 - *Mkhize*
105. Ntuthuko Mangele - 000111 5700 088 - 460794 Dlomo Road, Caluza, PIETERMARITZBURG, 3200 - *Gcwensa*
106. Ziphozonke Montgomery Pruitt Mkhize - 981028 5827 088 - Stand no 1808, Section C, GIYANI, 0826 - *Khosa*
107. Gontse Elizabeth Ramutle - 970429 0599 081 - 1415 Block H, SOSHANGUVE, 0152 - *Makhubela*
108. Maponye Sipho Malapela - 840911 5600 087 - Stand no 522, Mpheleng, DENNILTON, 1030 - *Netshitani*
109. Makhosandile Gift Ramohloloane - 960519 5233 082 - 03 CP Hoogenhout Street, CW 4, VANDERBIJLPARK, 1911 - *Mali*
110. Mduduzi Tshabalala - 860518 5607 080 - 5055 Zone 12, SEBOKENG, 1901 - *Mnisi*
111. Ntshimane Maurice Mashao - 830113 5670 085 - P O Box 320, SESHEGO, 0742 - *Shokane*
112. Tebogo Noko Lebogo - 780202 6006 082 - 1021 Lithuli Park, 9 L, SESHEGO, 0741 - *Tshikovhele*
113. Mogabo Johannes Mothobi - 770210 6246 089 - 220 Block 1, SOSHANGUVE, 0152 - *Molapo*
114. Tshepo John Raseroka - 791130 5730 088 - 3187 Block B, MABOPANE, 0190 - *Kumba*
115. Daphney Mafoko - 850105 0520 088 - E 72 Phomolong Section, MMAKAUNYANE, 0207 - *Nkoane*
116. Siyabonga Mduduzi Innocent Masombuka - 000517 5328 086 - 23 Protea Avenue, Alan Manor, JOHANNESBURG, 2001 - *Mabada*
117. Samuel Sengate Thlathla - 930215 5766 083 - 54 Tlamatlama Section, TEMBISA, 1631 - *Kau*
118. Lubabalo Richard Masoleni - 820831 5347 089 - 3365 Joe Stabi, ALIWAL NORTH, 9750 - *Mvimbi*
119. Thapelo Lemogang - 920208 5847 088 - Stand no 1750, Trust Farm, PANKOP, 0414 - *Mmotong*
120. Prince Amigo - 920425 5408 089 - 116 Magigwana Street, DAVEYTON, 1200 - *Silaule*
121. Selaelo Josephinah Selowa - 720712 0986 082 - Motupa Village, MODJADJISKLOOF, 0835 - *Mathebula*
122. Mulalo Ramukumba - 980221 5495 086 - Private Bag X2249, SIBASA, 0970 - *Nemukula*
123. Bronwyn Booyesen - 960119 0088 084 - 1557 Idada Street, Extension 5, Reiger Park, BOKSBURG, 1459 - *Krige*
124. Katlego Shanay Mngomezulu - 991101 0377 082 - 632 Ramkonopi East, KATLEHONG, 1491 - *Kubu*
125. Lesley Jim Mabaso - 830511 5696 085 - Stand no 88, Matiko-Xikaya, PHALABORWA, 1390 - *Usinga*
126. William Mokheseng - 961209 5807 080 - 1 / 1 Corner Road, EVATON, 1984 - *Gale*
127. Kenneth Sambu - 830502 5937 082 - Masakona, MAKHADO, 0929 - *Rambau*
128. Philipine Mapula Tsebe - 770627 0626 083 - No 1108, Ga-Thoka, POLOKWANE, 0700 - *Mamabolo*
129. Goodwill Maroga - 941209 5785 083 - 6313 Ibis Street, Extension 7, KARINET, 1030 - *Nkadimene*
130. Teboho Kgotso Vennon Bontes - 940321 5222 081 - 88 Mofokeng Street, Tkwana, HOOPSTAD, 9479 - *Mabilo*
131. Silwazi Blessing Mkhize - 880812 5401 081 - MKhoba Location, HARDING, 4680 - *Nyangule*



132. Vonani Nkuna - 940527 0785 084 - 1456 A Netshidaulo Street, CHIAWELO, 1818 - *Ndhlovu*
133. Amber Zoë Olivier - - 29 Doman Road, Vanguard Estate, CAPE TOWN, 8000 - *Small*
134. Amogelang Ofentse Victor Matshediso - 990716 5402 089 - 6 Ratlou Complex, THABA NCHU, 9780 - *Keikelame*
135. Mduduzi Godfrey Ngubane - 690610 6129 085 - 26251 Situnelo Drive, Luganda, MARIANNHILL, 3610 - *Mncwabe*
136. Petros Hlophe - 960907 5550 086 - 2104 Malberry Avenue, TSAKANE, 2200 - *Mthembu*
137. Palesa Grace Sithole - 960106 0693 088 - House no 30, Manitoba, SPRINGS, 1560 - *Mogorosi*
138. Mpho Chantell Qwabe - 970919 0345 089 - 9545 Kwena Street, Extension 20, VOSLOORUS, 1431 - *Mohammed*
139. Louisa Susanna Zimba - 820211 0350 083 - 98 – 11th Avenue, ALEXANDRA, 2010 - *Baloyi*
140. Mashishi John Mamabolo - 910504 5807 086 - 61 – 3rd Street, MARLBORO, 2090 - *Pitjo*
141. Malusi Nqatyelwa - 941224 5262 082 - 34 Denis Shepstone Road, Extension 1, CHESTERVILLE, 4090 - *Mapumulo*
142. Mavis Kwenzi Jaca - 700303 2048 081 - Matome Village, GROOTHOEK, 0628 - *Koma*
143. Mpho Kupa - 990925 5858 089 - Bogalatladi, ATOK, 0749 - *Thobejane*
144. Checkeyboy Jerry Mthombeni - 780818 5794 087 - 318 Paul Kruger Street, PRETORIA, 0001 - *Msiza*
145. Jegiël Diego Julius - 960508 5180 088 - 305 – 6th Avenue, Bergsig, CALITZDORP, 6660 - *Galant*
146. Kgomotso Tsholofelo Moloi - 920607 0208 081 - 4014 Mathebula Street, RATANDA, 1441 - *Mkhize*
147. Grant Mlangeni - 821023 5490 080 - 7586 Extension 8, Ivory Park, MIDRAND, 1600 - *Masilela*
148. Reuben Seputi Mashifane - 990831 5802 087 - Jane Furse Village, JANE FURSE, 1085 - *Malatji*
149. Gideon Kgaothi Sidzumo - 910730 5045 084 - 1089 Madingetswane Section, BETHANIE, 0200 - *Madingoane*
150. Bongani Makhaye - 010427 5351 088 - 2556 Greenfield Avenue, Quarry Heights, DURBAN, 4001 - *Mbonambi*
151. Bonga Makhaye - 010427 5352 086 - 2556 Greenfield Avenue, Quarry Heights, DURBAN, 4001 - *Mbonambi*
152. Sandile Ndlamlenze - 010802 5588 089 - 2813 Ward 13, OSIZWENI, 2952 - *Mkhwanazi*
153. Tebalelo Forgiveness Nonyane - 921014 5662 082 - 10036 Section D, ALLEMANS DRIFT, 0440 - *Mgiba*
154. Masonwabe Ngaye - 951110 0603 080 - Unit 12, Tsepong Complex, ALEXANDRA, 2090 - *Mbingeleli*
155. Riptumelo Gift Shivambi - 000724 5505 081 - Stand no 1208, Bungeni Village, ELIM, 0900 - *Baloyi*
156. Kagiso Dinne - 900825 5192 084 - 72 Zirconium , Extension 8, ENNERDALE, 1830 - *Monareng*
157. Jankie Frans Seabi - 960326 6039 082 - House no 20207, Shongoane 2, LEPHALALE, 0555 - *Tivana*
158. Thapelo Justice Baloi - 930301 5889 081 - 483 Justice Mahomed Street, 42 Velthof, MUCKLENEUK, 0002 - *Skosana*
159. Molepane Joseph Matlala - 510110 5419 080 - 2 Ngwalemong, GA-RANKUWA, 1068 - *Thobejane*
160. Thomas Bongani Tawanda Mlangeni - 980327 5552 089 - 1144 Block TT, SOSHANGUVE, 0152 - *Dhliwayo*
161. Musawenkosi Eric Cebekhulu - 790610 5730 080 - 04168 Linde Location, NTUZUMA, 4020 - *Ngcobo*
162. Tshogofatso Maseko - 990312 0421 082 - 43 Hazelmeadow, Ridge Road, SILVERLAKES, 0001 - *Isaac*
163. Jabulile Ndawonde - 931016 0607 085 - P O Box 183, Nxamalala Area, TUGELA FERRY, 3010 - *Shezi*
164. Tshepiso Prudence Khoza - 000102 0130 082 - 1215 Block XX, Khumalo Street, SOSHANGUVE, 0152 - *Moncho*
165. Mapule Letta Phaladi - 950326 0418 086 - 3824 Block L, SOSHANGUVE, 0152 - *Mogwabeleng*

166. Mashadi Linah Kgobe - 010812 0309 084 - 66 – 6th Avenue, ALEXANDRA, 2090 - *Molautsi*
167. Mphoko Paulus Mofokeng - 750925 5640 081 - 5790 Tshepiso, SHARPEVILLE, 1928 - *Motloung*
168. Christian Kamela - 750906 6060 081 - 280 Nazareen Street, DWARSKOP, 1285 - *Hlatshwayo*
169. Rethabile Witkoei - 890406 0182 081 - 2 Vergelegen Street, Culemborgpark, RANDFONTEIN, 1760 - *Modise*
170. Lydia Nthwaleng Kalane - 821208 0824 082 - 110 Block 2, Kutloanong, ODENDAALSRUS, 9400 - *Tsholoba*
171. Sihle Mkhwanazi - 980806 5397 082 - 34992 Block 10, Doornkop, DOBSONVILLE, 1865 - *Zikalala*
172. Gaborone Cleophus Mokgathe - 841118 5348 084 - Borothamadi Section, Dinokana Village, LEHURUTSHE, 2800 - *Nkwe*
173. Simlindile Patrick Mqeke - 760326 5511 083 - 2212 Mbalane Road, Umlazi J Section, DURBAN, 4001 - *Gumede*
174. Mamoshiane Girly Thokwane - 690602 0792 083 - Phase 4, SEKHUKHUNE, 1124 - *Makuwa*
175. Tshepo Lawrence Komane - 701122 5853 084 - 254 Block WW, SOSHANGUVE, 0152 - *Magalanyane*
176. Bonga Gina - 970306 6007 089 - P O Box 1515, MTUBATUBA, 3933 - *Ngwane*
177. Loyiso Ngcebesa - 001106 5146 083 - 1028 Lewerick Street, RABIE RIDGE, 1632 - *Marala*
178. Gcinile Ndaba - 010510 0622 080 - Ntumbane, PIET RETIEF, 2380 - *Sibiya*
179. Minenhle Zondo - 940317 0847 088 - 62 Buckingham Road, KLOOF, 3610 - *Zungu*
180. Mahlogonolo Lefate Precious Hasena - 950805 0332 082 - 2379 Masinga Street, KWA-GUQA, 1034 - *Makunyane*
181. Sthembiso Clinton Buthelezi - 761010 6489 080 - 13 Wood Castle Road, NEWLANDS WEST, 4031 - *Godongwane*
182. Sifiso Mkangela - 990709 5621 089 - 1912 B Ncobo Street, Zola 2, SOWETO, 1868 - *Sithole*
183. Sifiso Dennis Mabale - 910909 5757 084 - 1377 Block BB, SOSHANGUVE, 0152 - *Skosana*
184. Mawande Alex Zulu - 990823 5979 080 - Nokweja Location, IXOPO, 3279 - *Gamede*
185. Kagiso William Lubisi - 850324 5353 086 - 1099 Block BB, SOSHANGUVE, 0152 - *Sedibeng*
186. Njabulo Ndimande - 910720 5773 082 - Nkolokotho Area, MTUBATUBA, 3935 - *Ntuli*
187. Nomcebo Chonco - 950930 0780 088 - 6211 Unit 14, Imbali, PIETERMARITZBURG, 3200 - *Mshengu*
188. Precious Nonkululeko Mweli - 921107 0651 082 - 147 Mdimba Road, HAMMERSDALE, 3700 - *Mtungwa*
189. Xolani Hyson Khanyile - 780307 5449 082 - 243 Cooper Street, GREYTOWN, 3250 - *Vuma*
190. Koketso Brian Rapulane - 860821 5500 085 - 17039 Makhondo Street, MAMELODI EAST, 0122 - *Selaloke*
191. Lungile Tshongweni - 910801 5609 086 - Tsazo Area, NGCOBO, 5100 - *Mgushelo*
192. Maggy Mpedi Madisha - 970301 0372 084 - 40134 Ga-Mothiba, Ngwanamago, POLOKWANE, 0700 - *Ngobeni*
193. Phumlani Thulani Mathenjwa - 810317 5997 083 - P O Box 1032, HLUHLUWE, 3960 - *Mthiyane*
194. Thandi Msayi - 990903 0508 082 - 738 No, EVATON, 1984 - *Kambule*
195. Reetsang Patrick Ramesega - 830201 5490 081 - Mokgola Village, LEHURUTSHE, 2880 - *Motshidisi*
196. Sethembe Mhlongo - 000622 0695 081 - P O Box 466, ESHOWE, 3815 - *Nxumalo*
197. Nokuphila Precious Mtshali - 010827 0363 089 - 5248 Thatseng Street, Extension 22, GERMISTON, 1400 - *Gceba*
198. Sabelo Mazibuko - 970107 6073 083 - B 1591 Msowa Road, HAMMARSDALE, 3700 - *Zondi*
199. Thabang Mokoena - 980409 5249 088 - 464 Tsenelang Section, KEMPTON PARK, 1620 - *Ngoetjana*

200. Petrus Sizwe Nkosi - 740308 6214 086 - 22322 Extension 7, SOSHANGUVE, 0152 - *Chauke*
201. Sicelo Mphiliseni Kuzwayo - 001004 5623 088 - Makhumba Area, ESHOWE, 3810 - *Cele*
202. Innocent Siphosihle Ngubeni - 950626 5274 081 - 140 Persimmon Street, Malvern, JOHANNESBURG, 2001 - *Mazibuko*
203. Philani Jojis - 000413 5472 084 - P O Box 614, Engele Location, HARDING, 4680 - *Jail*
204. Letty Masombuka - 880502 0794 081 - 55 Weltevrede, MDUTJANA, 0400 - *Motau*
205. Michael Xolani Shangase - 850517 5605 088 - 423862 Fownini Road, MOLWENI, 3600 - *Thabethe*
206. Noluthando Charity Qwabe - 940512 0090 081 - 38 Paradysvink Road, Birch Acres X4, KEMPTON PARK, 1620 - *Baloyi*
207. Siphwiwe Sendelakhe Madondo - 731114 5612 085 - 96 Shannon Drive, RESERVIO HILLS, 4001 - *Ngcobo*
208. Thuso Moreri - 950603 5475 083 - House no 1691, Nanana Section, BATLHAROS, 8476 - *Baepane*
209. Sisanda Alicia Jwaqa - 000520 0535 085 - 4195 Tembisa Street, Zone 6, Thembalethu, GEORGE, 8500 - *Madolo*
210. Olwethu Sweetness Mofamera - 900525 0967 080 - 165 Drury Road, Capricorn, MUIZENBERG, 7945 - *Mseleni*
211. Lerato Mothibedi - 960910 6029 084 - 855 Mataboge Street, Khumalo Valley, KATLEHONG, 1431 - *Motloung*
212. Lebogang Manganye - 860610 5719 088 - 37 Poku Apartments, 491 Walker Street, MUCKLENEUK, 0001 - *Mdaka*
213. Mpho Gift Masete - 980502 5795 082 - Stand no 1890, Chweni Trust, KABOKWENI, 1245 - *Maluleka*
214. Kgaugetlo Given Sathekge - 010912 5386 085 - 7836 Serui Street, MAMELODI WEST, 0152 - *Ntlatleng*
215. Kutlwano Rebaone Maloma - 000628 0221 083 - 9 Main Street, MEREDALE, 1600 - *Jantjies*
216. Nomangisi Ntsoaki Bellinda Phetla - 000618 0356 088 - 11456 Makgatholela Street, MAMELODI EAST, 0122 - *Nhlapo*
217. Isaac Bheki Simelane - 000516 5896 084 - 21764 / 134 Nombela Street, Extension 6, VOSLOORUS, 1475 - *Mtsweni*
218. Happiness Phumzile Mdakane - 641125 0544 080 - Tholeni Area, WASBANK, 2920 - *Nzuza*
219. Alfred Goitsemang Kgopane - 591201 5814 081 - 594 Kopanang Street, Tsweleng, WOLMARANSSTAD, 2630 - *Mosweu*
220. Shaun Louis Koekemoer - 880106 5097 084 - 34 Utrecht Road, Gerdview, GERMISTON, 1401 - *Erasmus*
221. Jacoba Elizabeth De Kock - 750922 0141 082 - 2 Timberon Street, PAARL, 7646 - *Vorster*
222. Phala Joel Radebe - 751128 5453 089 - 1814 Lefatlheng, TEMBA, 0407 - *Ramoshaba*
223. Simon Themba Booi - 750319 5376 088 - Plot 21, Arcient Farm, DELMAS, 2210 - *Masuku*
224. Benedict Molefe Mafatshe - 750212 5975 084 - 8332 Phase 2, Morula View, MABOPANE, 0190 - *Mochikwane*
225. Zondi Marry Nkosi - 750108 0420 086 - 10630 Extension 8, Mhluzi, MIDDELBURG, 1050 - *Mnguni*
226. Muziwenkos Sabela Lukhele - 740927 5430 086 - 6306 Extension 6, ERMELO, 2300 - *Nkosi*
227. Phumzile Mirriam Mazibuko - 730318 0387 087 - 1540 Sofasonke Street, ORLANDO EAST, 1710 - *Dlamini*
228. Brian Mazibuko - 640429 5481 087 - 10858 Extension 3, DOBSONVILLE, 1863 - *Mazibuko-Nkosi*
229. Hesekeiel Moremi - 961206 5674 080 - Ditshashing, BOLOBEDU, 0700 - *Moshoma*
230. Sibusiso Johny Mlambo - 821124 5776 088 - 12 Dudley Smith Road, BOKSBURG, 1459 - *Maseko*
231. Khutjisho Machidi - 990613 0683 088 - Marulaneng, SEKHUKHUNE, 1085 - *Maabane*
232. Ephraim Mpho Lamola - 950607 5687 084 - C 0052 Marulaneng Village, BAKENBERG, 0611 - *Mbiza*
233. Hugo Westerhuis - 010720 5260 089 - 61 Victoria Street, GEORGE, 6530 - *Swanepoel*



234. Thembalakhe Valentine Sinenhlanhla Maduna - 990720 0599 089 - B 247 Umlazi Township, UMLAZI, 4001 - *Sithole*
235. Kgauhelo Letele - 970825 6248 088 - 13 C Boikgantsho Flats, RUSTENBURG, 0299 - *Lebakeng*
236. Sihle Mthembu - 980901 6525 086 - Manguti Magistrate Building, KWANGWANASE, 3973 - *Ndlovu*
237. Nkapana Gift Matsekoleng - 740514 5585 083 - 10 Block DD, SOSHANGUVE, 0152 - *Shika*
238. Zithobile Patience Nofoto - 760503 0818 081 - 2 Zodwako-Magogula Street, ATTERIDGEVILLE, 0008 - *Ndzimande*
239. Masana Glen Tsongayinwe - 790513 5344 086 - House no 19, Bogman Street, MODJADJISKLOOF, 0835 - *Mtsetwene*
240. Ndawo Enock Qwabe - 720925 5838 088 - St Chads Mission, LADYSMITH, 3370 - *Madondo*
241. Aviwe Jimi - 010104 5959 083 - WP 1997, KHAYELITSHA, 7500 - *Denge*
242. Simon Mfakadolo - 850712 6339 080 - 39066 Chutle Street, HARARE, 7700 - *Hiki*
243. Mulanga Mudau - 980808 1015 080 - Stand no 304, Mashau Village, MAKHADO, 0920 - *Mapalephadwa*
244. S'thabiso S'bonelo Mvuyana - 000303 5827 082 - Hlathikhulu Area, OZWATINI, 3242 - *Mkwanyana*
245. Rowen Govender - 000907 5162 082 - 14 Liane Lane, B/Ham, RICHARDS BAY, 3900 - *Singh*
246. Sello Zakes Mokabane - 841017 5630 089 - Stand no 76, Ramogwelane, GROBLERSDAL, 0470 - *Mohlala*
247. Sthembiso Derrick Ndlangisa - 811125 5772 086 - 1518 Daluxo Road, MAYVILLE, 4091 - *Dladla*
248. Ephraim Sipho Rabothata - 890217 5696 086 - P O Box 3006, MODJADJISKLOOF, 0472 - *Mametja*
249. Nathi Ndabeni - 940130 6046 088 - Mgwenyana Area, LIBODE, 5160 - *Mgcotyelwa*
250. Bonginkosi Keswa - 861018 5393 087 - Tapuleni Location, PIETERMARITZBURG, 3201 - *Zuma*
251. Oteng Molebogeng Masisi - 961115 5258 085 - 282 Reagile Section, LEDIG, 0301 - *Ramafoko*
252. Everite Mbuyane - 790208 5524 080 - Stand no 1148, Mahushu Trust, NELSPRUIT, 1200 - *Mhlongo*
253. Kgomotso Agatha Lebewana - 850926 6300 088 - 21 Normand Street, WESTONARIA, 1779 - *Mogoera*
254. Siobhan Mbalenhle Nkala - 940604 0316 085 - 28457 Weaver Close, SOWETO, 1818 - *May*
255. Tshepiso Lesley Promise Ndukula - 970709 5276 086 - 63 Makhulong Section, TEMBISA, 1632 - *Mathye*
256. Roxy Mc Vean - 940402 0062 084 - 88 Ferguson Road, Glenwood, DURBAN, 4001 - *Glenny*
257. Thembeke Thembeke Dlamini - 911119 0513 081 - Ward 8, Malangeni, SCOTTBURGH, 4180 - *Majola*
258. Nelisiwe Nelly Dlamini - 890110 0684 084 - Malangeni Ward 8, UMZINTO, 4200 - *Majola*
259. Sekgone Meyer Mashabela - 910703 5791 080 - 180 Sekelbos Street, Tasbet Park, WITBANK, 1035 - *Monamodi*
260. Kgothatso Kupa - 970602 0986 082 - P O Box 40, ATOK, 0749 - *Thobejane*
261. Emmanuel Pholosso Mokgele - 830715 5576 086 - Myra Village, TAUNG, 8584 - *Melodi*
262. Sithembiso Busisiwe Hlatshwayo - 950226 0571 084 - 9 Moya Street, VRYHEID, 3100 - *Mtshali*
263. Roserlia Nonkululeko Ximba - 930107 0689 081 - 29415 Tshelimnyama, ASHWOOD, 3605 - *Ngwenya*
264. Frank Pule Sibanda - 880416 5652 089 - 0509 D, TWEEFONTEIN, 0200 - *James*
265. Sibusiso Mduduzi Hlatshwayo - 920724 5734 084 - 9 Moya Street, VRYHEID, 3100 - *Mtshali*
266. Tshwarelo Gormente Gqopokana - 920903 5806 080 - 372 Extension 1, Hekeng Location, BIESIESVLEI, 2755 - *Legae*
267. Thabiso Percival Shabalala - 890520 5576 087 - AA 11 / 456, Chicago Road, UMLAZI, 4001 - *Cele*

268. Harriet Nontokozi Mkhabela - 990510 0594 085 - Stand no 113, KWAGGAFONTEIN, 0458 - *Masombuka*
269. Kwanda Gift Kotelo - 980228 5870 085 - Langeni Area, MTHATHA, 5100 - *Mlangeni*
270. Nhlahla Moyo - 960711 5603 089 - 548 A Macage Street, PHIRI, 1700 - *Khanyile*
271. Mahlatse France Gwebu - 910821 6015 083 - 1240 Casteel, BUSHBUCKRIDGE, 1290 - *Chiloane*
272. Khanyisami Sizwe Manana - 890121 5398 083 - 4 Lemonwood, Mkamba Gardens, Lincoln Meade, PIETERMARITZBURG, 3200 - *Zuma*
273. Nobuhle Shoba - 910919 1276 088 - Dumisa Location, UMZINTO, 4200 - *Shezi*
274. Mapule Hellen Matlopa - 830419 0366 086 - Unit 216, Villa Grandda, VALHALLA, 0100 - *Mavuna*
275. Alan Thabang Nkosi - 970811 5309 089 - 31 Snipe Street, KD 304, HORIZON, 1724 - *Melanzi*
276. Molohlanyi John Motia - 970402 5548 080 - Puraspan Village, BOCHUM, 0970 - *Sebab*
277. Siphesihle Gift Makomfane - 871025 5297 083 - D 1010 Notebe Road, KWAMASHU, 4020 - *Nzama*
278. Bonolo Kgosi Shai - 950604 5439 087 - 8521 Logwaja Street, Extension 11, SOWETO, 1818 - *Tsienyane*
279. Solly Mhleka Mbonane - 970506 5286 085 - 07 Ibis Street, Tedstonville, GERMISTON, 1401 - *Mahlangu*
280. Alistair Ofentse Mlambo - 960428 5110 086 - 6806 Extension 6, NELLMAPIUS, 0162 - *Motepe*
281. Livhuwani Mmbadiga - 940215 5737 082 - 1227 Zone 1, Mauluma, NZHELELE, 0993 - *Tshikhudo*
282. Thobeka Lucia Mncube - 980702 0742 085 - C 133 Piliiso Street, Selby Village, JOHANNESBURG, 2001 - *Xulu*
283. Thobela Mpobole - 880209 5652 088 - 838 Manyano, Ny 9, MDANTSANE, 5219 - *Mankahlana*
284. Baxolele Mxhasa - 970209 5864 080 - 3919 Thobejane Street, DUDUZA, 1400 - *Mjamekwane*
285. Zenkosi Zamokwakhe Nxele - 890622 5742 089 - P O Box 26, ESIKHAWINI, 3887 - *Zikhali*
286. Siyanda Magnificent Mthembu - 930320 5891 087 - Mbalenhle Area, OZWATINI, 3242 - *Luthuli*
287. Ofentse Glen Sekale - 911031 5452 084 - 1998 Joseph Koole Street, MUNSIEVILLE, 0300 - *Phatlhane*
288. Matome Evans Kobo - 850412 5697 089 - 1884 Nkelenga Street, Lufhereng, SOWETO, 1717 - *Dikgale*
289. Bradley Thato Khute Makgeledisa - 850731 5340 089 - 2458 Buttercup Street, Extension 27, Fleurhof, ROODEPOORT, 1709 - *Ramotso*
290. Bongiwe Jenny Ngcobo - 870921 0954 085 - 2 main Reef Road, RANDFONTEIN, 1760 - *Ramalamula*
291. Busisiwe Grace Ngcobo - 920426 0786 081 - 3087 Block 4, TSHEPISONG, 1700 - *Ramalamula*
292. Lekitlane Isaac Mbele - 800528 5586 088 - 6019 Extension 3, RIETVALLEI, 1700 - *Lekitlane*
293. Tshediso Job Kunene - 890413 5335 086 - 3073 Mathibe Street, BEKKERSDAL, 1700 - *Mogashoa*
294. Irvin Robert Baloyi - 901107 5688 083 - Stand no 38, Bonn Village, RITAVI, 0870 - *Traverse*
295. Trevor Sibusiso Chauke - 880225 5855 083 - Private Bag X1008, WHITE RIVER, 0120 - *Hlebela*
296. Sindisiwe Hlengiwe Mpungosi - 890616 0447 082 - Eziphunzini Area, PIET RETIEF, 2380 - *Hlophe*
297. Tiisetso Kholofelo Motomboti - 881019 5714 088 - 74 Combretum Street, Savanna Hills Estate, MIDRAND, 2001 - *Mashao*
298. Bongani Emmanuel Mngoma - 930721 5480 088 - 20583 Phiri Street, Extension 11, TSAKANE, 1400 - *Shongwe*
299. Nhlakanipho Progress Mahlangu - 960301 5215 082 - 5 Stallard Avenue, Selection Park, SPRINGS, 1560 - *Mngomezulu*
300. Sharon Neo Mapoulo - 960421 0479 085 - 287 Madiba Drive, WINNIE MANDELA, 1600 - *Phaleng*
301. Given Noko Mapoulo - 990520 0397 082 - 2687 Madiba Drive, Winnie Mandela, TEMBISA, 1632 - *Phaleng*

302. Bongimpilo Dumakude - 971021 5718 086 - Tsholoho Area, MAPHUMULO, 4470 - *Mpungose*
303. Moses Sandlana - 801227 5580 089 - Stand no 1616, MATSULU, 1203 - *Sibambo*
304. Mfundo Thuto Dipheko - 880212 5656 083 - 313 The Paddocks, Broadacres Drive, DAINFERN, 2191 - *Mcanyana*
305. Mark Dabuna Nkomo - 880609 5459 089 - 3128 Muzi Street, MAKURWANE, 8300 - *Mkhize*
306. Dakalo Khorommbi - 891116 5744 087 - Tshiozwi Village, Stand no 991, SINTHUMULO, 0921 - *Khuswani*
307. Khulani Petros Nkomo - 760810 5657 087 - Waterloo Area, VERULAM, 4400 - *Ngidi*
308. Rhulani Boikanyo Phala - 991016 5418 089 - 109 Atholl Road, ATHOLL, 2196 - *Ngobeni*
309. Rodney Silinda - 790523 5654 087 - 63 Cedar Street, Dawn Park, BOKSBURG, 1459 - *Ndubane*
310. Thelagele Tarcia Dube - 950421 0436 087 - House no 1483, Dipateng, BOTLOKWA, 0812 - *Matimulane*
311. Nico Ishmael Seabi - 891119 5730 080 - House no 2250, Extension 5, REGOROGILE, 0380 - *Marutha*
312. Edwin Dlamini - 870927 5988 085 - 1333 Shongwe Mission, MALALANE, 1300 - *Mnisi*
313. Keith Njabulo Zwane - 940301 5078 089 - Elangeni Area, MUDEN, 3251 - *Sithole*
314. Ronald Mathebula - 740316 5627 083 - 89 Zone 20, GA-RANKUWA, 0208 - *Chabalala*
315. Ernest Thabiso Maruma - 910417 5631 085 - 56 Kigali Street, Slovo Park, SPRINGS, 1559 - *Mohuba*
316. Ramadingwane Thato Mmako - 910823 5919 083 - Jane Furse Village, JANE FURSE, 1035 - *Mapitsing*
317. Ditshilana Solomon Mooka - 861202 5429 089 - 4014 Chauke Street, Phagameng, MODIMOLLE, 0510 - *Modisha*
318. Tsakani Mathebula - 890301 1043 087 - Stand no 286, Selwane, LULEKANI, 1392 - *Maluleke*
319. Refilwe Mothibedi - 971221 0693 082 - 855 Khumalo Valley, Mataboge Street, KATLEHONG, 1400 - *Motloung*
320. Mogale Morake - 941210 5222 085 - 10834 Zone 4, THABANCHU, 9780 - *Tlali*
321. Kananelo Brian Motaung - 991213 5704 085 - 1413 Mountain View, WITSIESHOEK, 9870 - *Moloi*
322. Zingisile Mameni - 600101 8214 082 - Block 5 A, Central Village, REIGER PARK, 1459 - *Maqina*
323. Piet Kenneth Kabini - 820213 5498 081 - Stand no 47, Vlaktefontein, MPUDULLE, 1057 - *Mahlangu*
324. Sharpen Mohlala - 000805 5289 089 - 61 Eishburgh Road, Delville, GERMISTON, 1400 - *Moripe*
325. Khutso Reginald Mannya - 010630 5570 082 - 2642 Gapolatla, BOTLOKWA, 0812 - *Mosima*
326. Kim Maroga - 970804 0840 083 - 6313 Ibis Street, Extension 7, KLARINET, 1030 - *Nkadimene*
327. Mluleki Dlamini - 960918 6082 086 - Mangeni Location, IXOPO, 3276 - *Sosibo*
328. Lebohang Sithole - 911105 5710 087 - Unit 134, Broadwalk Crescent, Grand Central, MIDRAND, 1600 - *Raboroko*
329. Teaforde Mohlagane Makaleng - 860306 5808 084 - P O Box 9040, BURGERSFORT, 1150 - *Maphutha*
330. Moabi John Matea - 010812 5294 083 - 5065 Watervaal, SIYABUSWA, 0472 - *Phake*
331. Kgaogelo Lucia Madiseng - 010614 0453 080 - 802 Vaalkraal A, SIYABUSWA, 0472 - *Monama*
332. Siphesihle Mongezi Mthombeni - 000708 5544 083 - 2517 Sigablyda A, SIYABUSWA, 0472 - *Mthimunya*
333. Thabo Mahlangu - 991105 5589 088 - 1750 Maganagobuswa, MDUTJANA, 0472 - *Malapela*
334. Richgrain Lepoto Maphanga - 850303 5594 089 - 230 Viva Park, ZAMDELA, 1949 - *Mmoyane*
335. Kholiwe Nhlapo - 011101 5260 081 - 135 Nigel Road, Selection Park, SPRINGS, 1559 - *Masuku*

336. Monnana John Marakalala - 830321 5397 084 - E 86 Extension 9, Vumbhone Street, CULLINAN, 1000 - *Ramaleba*
337. Dikeledi Mogopudi - 760814 0562 086 - 589 Rev Frederick Modise Drive, Zone 1, MEADOWLANDS, 1852 - *Hlape*
338. Sizwe Mahlangu - 950614 5555 089 - 1750 Maganagobuswa, SIYABUSWA, 0472 - *Malapela*
339. Ntokozo Ncaphayi - 010515 5467 084 - D 236 Imbongi Street, Mbekweni, PAARL, 7620 - *Njili*
340. Aobakwe Emmanuel Maswane - 880913 5628 085 - 4987 Leselo Cul, Unit 13, MMABATHO, 2735 - *Taunyane*
341. Bonisile Pearl Mabena - 890107 0193 082 - 29161 Zizwe Street, Tsakane, BRAKPAN, 1550 - *Nhlapo*
342. Lethabo Clementine Matemoja - 921228 0719 081 - 10650 Extension 5, SOSHANGUVE, 0152 - *Mabena*
343. Besabakhe Pollen Mdingi - 960929 5697 089 - Stand no 358, GEMSBOKSPRUIT, 0400 - *Mahlangu*
344. Sesonasiphosihle Jacobs - 980112 0254 083 - 25 Buffalo Crescent, Turlite Creek, KUILSRIVER, 7580 - *Ralarala*
345. Nonelwa Mkenku - 011006 0611 081 - Machubeni Area, LADY FRERE, 5410 - *Mabali*
346. Phelile Esther Banda - 770712 0487 080 - 32 / 12 Small Farm, EVATON, 1984 - *Tshabalala*
347. Peter Retsure - 750716 5661 080 - 9 Masopha Street, SAULSVILLE, 0008 - *Sithole*
348. Thabo Cedric Khunou - 760313 5437 089 - 2127 B Twala Street, KWA XUMA, 1865 - *Ratabane*
349. Andile Thato Duke Zwane - 990421 5277 082 - 751 Litheko Street, Section C, MAMELODI WEST, 0125 - *Masango*
350. Disebo Jessicca Shadung - 951231 0580 084 - P O Box 177, GA-MASHASHANE, 0743 - *Moshoeu*
351. Benjamin Zwelebanzi Mafokoane - 850614 5598 080 - P O Box 7191, Ga-Maja, POLOKWANE, 0700 - *Mailula*
352. Emmanuel Mabuse Masilo - 890202 5355 081 - 1302 Extension 1, LAKESIDE, 1984 - *Zwane*
353. Moteme Simon Ramagosni - 920709 5851 087 - Stand no 1308, Ga-Mamabolo, MENTZ, 0701 - *Moratlattle*
354. Kemisetso Terrence Tsebetsebe - 970114 5873 083 - 2286 Boleng Street, Extension 4, NELLMAPIUS, 0180 - *Maela*
355. Annastacia Nkele Maruma - 910210 0255 087 - 39707 Jan Kotlolo Avenue, MAMELODI EAST, 0152 - *Willis*
356. Xolani Ntuli - 830919 5465 080 - 4399 Waterloo, VERULAM, 4000 - *Sikhakhane*
357. Mulisa Madida - 900827 5792 087 - Lukau, MUTALE, 0956 - *Ragimana*
358. Nqobile Frederick Nkomonde - 960104 5370 083 - B 1030 Bhubese Road, NDWEDWE, 3900 - *Diamond*
359. Emihle Tafeni - 990927 0920 088 - Tsakana Area, COFIMVABA, 5360 - *Mngqibisa*
360. Precious Nonjabulo Xulu - 921228 0662 083 - Makhambane Area, MTUBATUBA, 3935 - *Mtshali*
361. Mzama Monti Mkhwanazi - 981115 5234 082 - Isithebe Area, MANDENI, 4490 - *Dlamuka*
362. Mzogcwele Ntombela - 900630 5850 081 - Mgwamama, WEENEN, 3325 - *Ntuli*
363. Mmatudu Buseletso Ramoshu - 930317 5814 085 - Mahubitswane, MASEMOLA, 1060 - *Kau*
364. Peter Mohubedu - 871119 5609 080 - P O Box 1198, BURGERSFORT, 1129 - *Masinga*
365. Brandon Koketso Tshoko - 950112 5912 087 - 34 Park Crescent, PRETORIA NORTH, 0100 - *Mahuma*
366. Tryphinah Maripe Ulla - 840518 0045 083 - 1199 Newtown, MHLUZI, 1055 - *Paledi*
367. Hyron Chay Botman - 860207 5238 084 - 43 Delphinium Street, Parktown, ATHLONE, 7764 - *Brandt*
368. Bernad Nyaku Malatji - 790516 5808 083 - Malokela Village, BURGERSFORT, 1150 - *Phala*
369. Akhona Mtsamayi - 910702 0780 080 - 642 Avocado Street, Extension 2, Rondebult, GERMISTON, 1401 - *Letseka*

370. Sabelo Bangani - 820309 5365 088 - 85 The Greens, Fairway Close, PARROW, 7500 - *Tandani*
371. Garth Brendan Pagel - 920521 5160 082 - 70 Abes Flats, ALGOA PARK, 6001 - *Lombard*
372. Gloria Kearabetswe Nako - 981212 0355 085 - 18805 Sonderwater, POTCHEFSTROOM, 2520 - *Thupatsogong*
373. Ignitius Katleho Mkansi - 900123 5627 089 - 3248 Block M, Extension 1, SOSHANGUVE, 0152 - *Moeketsane*
374. Tinyiko Lophondo - 861010 0659 083 - 04 Honeyville, MAKHUSHANE, 1393 - *Malatji*
375. Siyabonga Lovers Mohaleni - 980821 5732 089 - 8064 / 6 Extension 17, Da-Es-Salam Street, VOSMAN, 1030 - *Mabaso*
376. Comfort Nhlayiseko Khoza - 950104 5857 081 - 2843 Zone 2, Ritavi Street, DIEPKLOOF, 1864 - *Chauke*
377. Milton Petros Senzeni Mazibuko - 870416 5409 086 - 213 Takalani Street, Chiawelo, SOWETO, 1818 - *Mutwanamba*
378. Boitumelo Daniel Digabane - 970113 5315 087 - 766 Zone 1, DIEPKLOOF, 1804 - *Segone*
379. Boitshoko Boyden Ramokoka - 840705 5404 080 - 12 Mars Street, Rhodesfield, KEMPTO PARK, 1620 - *Pilane*
380. Sihle Bhikizenzo Myeni - 880829 5619 082 - P O Box 242, Manyiseni Area, INGWAVUMA, 3968 - *Masango*
381. Phumlile Leon Cotiyane - 900723 6137 085 - 43 Ivana Drive, Summerstrand, PORT ELIZABETH, 6200 - *Cotiyane-Pondo*
382. Nosipho Danielle Maseko - 920609 0036 082 - 6042 Mount Blanc Place, Extension 4, LENASIA SOUTH, 1829 - *Mhlanga*
383. Nosipho Margaret Muyela - 920907 0437 080 - 889 Umcele Street, Extension 3, Hlalanikahle, WITBANK, 1035 - *Mashianoke*
384. Nkululeko Strike Maduna - 771215 5365 086 - 469 / 47 Dlamini Avenue, JABULANI, 1868 - *Ndhlovu*
385. Ziningi Shezi - 960102 0948 085 - Ward 11, Umtualime, UMZINTO, 4100 - *Mhlangu*
386. Sihle Gladwell Memela - 890226 5090 083 - E 81 Zibhebhu Road, KWA MASHU, 4360 - *Simelane*
387. Lindokuhle Emmanuel Sosibo - 930430 5691 088 - 010101 Mamgangeni, INANDA, 4309 - *Ngidi*
388. Buhlebuyeza Claude Hlongwa - 981216 5184 085 - Mbangwini Location, Ward 5, HARDING, 4680 - *Shezi*
389. Sammé Amy Sylvester - 001220 0526 080 - 40 Kloof Road, SEA-POINT, 8005 - *Boitha*
390. Riahaan Khan - 980701 5369 084 - 24 Bale Avenue, Woodlands, DURBAN, 4001 - *Ferreira*
391. Sfiso Sydney Shabangu - 910429 5756 085 - 14350 No, EMBALENHLE, 2200 - *Mahlangu*
392. Pelaêlo Gontse - 910509 5521 082 - 464 Mmatla Street, WOLMARANSSTAD, 2630 - *Mosime*
393. Emanuel Ramatsetse - 911102 6012 084 - Beda 1, Room G10, ALICE, 5700 - *Mashabela*
394. Victoria Pholosho Pebetsi Nkgoweng - 910920 0846 087 - PrivateBag x3035, MPAAHLELE, 0236 - *Mahlagaume*
395. Mandla Junior Thabang Fong - 990224 5514 086 - 01 Sithulele Kauma Street, Paballelo, UPINGTON, 8801 - *Abrahams*
396. Sandile Maseko - 960518 5874 085 - 565 Montagu Street, Extension 2, NASARET, 1050 - *Msweli*
397. Thabo Edwin Mthombeni - 830530 5517 083 - 477 Tsiotsi Mashinini Street, SOWETO, 1717 - *Mosehla*
398. Qondisa Cordelia Mbele - 720922 1261 084 - Mt Arthur, LADY FRERE, 5410 - *Mbombo*
399. Kwanele France - 010917 5666 089 - Bhongweni Location, MTHATHA, 5099 - *Magadlela*
400. Mfundo Lancelot Mkhwanazi - 900224 5876 088 - 23 Goldberg Estate, Christo Groenwald Avenue, Wild Olive, BLOEMFONTEIN, 9300 - *Nkuna*
401. Anganathi Gusha - 010727 0582 086 - Dabane Area, ELLIOTDALE, 5070 - *Ntwana*
402. Sikhumbuzo Andrew Thabethe - 770311 5845 085 - Stand no 500, KABOKWENI, 1245 - *Zwane*
403. Madumetja Terrance Sedutla - 770914 5687 082 - 3716 Moseja Section, HEBRON, 0193 - *Shirindi*



404. Palesa Innocentia Khoza - 981002 0178 086 - Davhana, BALANGANANI, 0952 - *Nesengani*
405. Kabelo Linda Monyepao - 960316 5503 089 - 9 Biggar Road, EMPANGENI, 3900 - *Ramonyai*
406. Simphiwe Jeffrey Williams - 880430 5262 088 - 23 Nqini Street, Nu 10, MOTHERWELL, 6210 - *Xakaxa*
407. Mthokozisi Noshwana - 990127 5622 082 - P O Box 519, EMPANGENI, 3880 - *Makhoba*
408. Siboniso Phakamani Khumalo - 970923 6041 080 - P O Box 1086, Cabokwakhe Area, NONGOMA, 3950 - *Mdhlalose*
409. Winston Ditsepu Rakgoale - 890827 5211 080 - 1136 Mmama Street, Extension 2, MAMELODI, 0150 - *Mangena*
410. Nontobeko Majola - 960520 1026 082 - 10 Losangel Drive, Northcliff, JOHANNESBURG, 2001 - *Hlongwane*
411. Sello Nicholus Maloleke - 8309165613 081 - 895 Mothotlong, BRITS, 0268 - *Modiba*
412. Thabo Prince Masango - 890918 5860 081 - Kutullo, NGWAABE, 1658 - *Madihlaba*
413. December Elliot Ndhlala - 800410 5399 087 - Stand no 1833, MASIBEKELA, 1342 - *Mlahleki*
414. Petros Nkosi - 850423 5369 082 - Private Bag X1008, WHITE RIVER, 1200 - *Malunga*
415. David Teddy Neo Bosigo - 831110 5639 085 - 2375 Section D, MABOLOKA, 0197 - *Mohlakofane*
416. Joseph Thapelo Masane - 900716 5547 080 - Soviet 1, Baithaupi Street, LETHABANG, 0250 - *Teane*
417. Victor Modupi Skhosana - 891231 5639 086 - 503 C Section, SIYABUSWA, 0700 - *Matshetela*
418. Tebogo Virginia Lesang - 810922 0792 080 - 1508 Magalefa Street, Mohlakeng, RANDFONTEIN, 1759 - *Mphahlele*
419. Mphostoli Vusi Ntshangase - 780714 5892 080 - Mafakatini Location, PIETERMARITZBURG, 3200 - *Makhaye*
420. Samira Allie - 730118 0128 089 - 38 Pelicon Looit, HANOVER PARK, 7800 - *Solari*
421. Collen Nephtal Mnisi - 900225 5763 085 - P O Box 2496, ACORNHOEK, 1360 - *Ndlovu*
422. Reshoketswe Antonnette Annette Mashloaner - 910301 0395 088 - Stand no 2004, Siyabuswa C, MDUTJANA, 0472 - *Mogashoa*
423. Lindokuhle Mhlambi - 930622 6236 083 - 74 Goba Section, KATLEHONG, 1437 - *Mahlambi*
424. Mthokozisi Norman Zwane - 790727 5434 081 - F 114 Nguni Hostel, VOSLOORUS, 1475 - *Gamede*
425. Simphiwe Gideon Walter Gumede - 850707 5405 080 - Lesta Farm, OSIZWENI, 2900 - *Nyamane*
426. Qcolani Mduduzi Ngoma - 991023 5337 087 - Stand no 240, KABOKWENI, 1245 - *Mkhabela*
427. Wiseman Bhutiza Mchunu - 770221 5498 084 - 19 Sondene Gardens, 121 Witstinkhout Street, CENTURION, 0157 - *Mkhize*
428. Nondumiso Charity Pearl Nkosi - 920704 0475 081 - L 541 Section 7, MADADENI, 2951 - *Khoza*
429. Refilwe Lesley Motsie - 820901 5856 080 - E 351, Mabeleapodi, RUSTENBURG, 0300 - *Ngwenya*
430. Mpho Michael Moshoeshoe - 000527 5222 080 - 100661 Maswanganyi Village, GIYANI, 0826 - *Baloyi*
431. Maccabi Frans Ledwaba - 770813 5693 084 - P O Box 876, KORINGPUNT, 0632 - *Mabusela*
432. Lerato Khululiwe Ngwenya - 980628 0800 088 - 1632 Section E, MAMELODI WEST, 0122 - *Mashaba*
433. Lindani Nkosingiphile Sibiya - 850421 5877 088 - P O Box 342, KWANGWANASE, 3973 - *Biyela*
434. Jane Mmapule Maruping - 980108 0842 083 - 11032 Signal Hill Village, MAHIKENG, 2745 - *Lekgetho*
435. Lehlohonolo Ronald Mahambi - 900910 5238 085 - Mangeni Area, ESTCOURT, 3310 - *Ndaba*
436. Sandi Fredericks Fawuli - 800503 6048 081 - 150 Nu 17, MDANTSANE, 5219 - *Cube*
437. Itumeleng William Kgopa - 800819 5732 081 - Phase 3, MDUTJAABA, 0628 - *Magongoa*



438. Sibonuthando Mlungisi Ndlela - 001113 5382 080 - P 1291 No, UMLAZI, 4010 - *Khanyile*
439. Zamashenge Ntokozo Buthelezi - 920312 0131 082 - 2 Lynn Avenue, Glen Ashley, DURBAN, 4001 - *Ntombela*
440. Quinton Conco - 710121 5410 084 - 59 Frederick Road, Capricorn Park, MUIZENBERG, 7945 - *Gaika*
441. Mkhuleko Pray Mnguni - 961027 5381 082 - 9135 Sipho Mkhize Road, Ellovu, DURBAN, 4001 - *Dlamini*
442. Skhumbuzo Memory Mlotshwa - 920429 5483 084 - 20781 Kanana Street, DAVEYTON, 1520 - *Khanye*
443. Donald Mpitlwe Kwakwa - 961125 5207 081 - 3 Newick Road, 207 Howard Court, LYEDHURST, 2072 - *Matlala*
444. Thenjiwe Precious Soxokoshe - 920326 0385 084 - 691 Mnqibisa Street, Klipspruit, PIMVILLE, 1809 - *Mtembu*
445. Kim Taute - 910521 0100 085 - 28 Brigish Drive, NORTHCLIFF, 2195 - *East*
446. Mbuyiseni Percival Mahlaba - 910703 5697 089 - E 4654 Ward 9, OSIZWENI, 2952 - *Ntanda*
447. Noluthando Kubeka - 960702 1050 086 - 76 A Zone 4, MEADOWLANDS, 1852 - *Mkhize*
448. Nondumiso Hlabisa - 991225 1171 085 - Mzinga Location, PIETERMARITZBURG, 3200 - *Mnikathi*
449. Sinegugu Luthando Mdala - 970204 5968 080 - B 130 Zwelitsha, BREDASDORP, 7280 - *Mboto*
450. Luise Ophilia Makgomo Mokgalaotse - 630915 0758 083 - P O Box 920, GA-KGAPANE, 0742 - *Phala*
451. Dumisani Tau - 990116 5615 089 - 12931 / 93 Extension 2, MHLUZI, 1050 - *Mabena*
452. Nomanini Sethembele Nene - 921222 0761 086 - 91 Victoria Street, RICHMOND, 3780 - *Maharaj*
453. Nhlakanipho Gineous Malishe - 950221 5715 083 - P O Box 23239, PORT SHEPSTONE, 4240 - *Langazane*
454. Luyanda Khanyile - 011029 0364 089 - C 21 Gab Street, GEORGEDALE, 3110 - *Shange*
455. Thembaletu Ndlovu - 961018 0750 082 - Milkway Road, Dassenhoek, MARIANNHILL, 3601 - *Gumede*
456. Sphehile Percy Ntini - 940724 5273 089 - 4681 Shembe, CLERMONT, 3602 - *Mathebula*
457. Zaphania Butiki Siluma - 651209 5406 086 - 228 Monisi Section, KATLEHONG, 1400 - *Khumalo*
458. Dumisa Malusi Makhathini - 010919 5582 084 - 49 Triton Circle, Oribi Village, PIETERMARITZBURG, 3200 - *Majozi*
459. Vusi Vukeya - 890714 5685 085 - P O Box 98, MASINGITA, 0826 - *Mathonsi*
460. Shudufhadzo Mushidzhi - 971228 5491 081 - Tswinga Village, THOHOYANDOU, 0970 - *Tshishonga*
461. Sipho Phahlamohlaka - 840628 5455 086 - 7889 Lehlwa Street, NELLMAPIUS, 2014 - *Maela*
462. Nthabeleng Constance Rakabinyane - 901228 0861 085 - 18020 Extension 8, SOSHANGUVE, 0152 - *Monyebodi*
463. Letlhogonolo Jonas Kadi - 890709 5499 081 - DD 572 Delpot, Squater Camp, GERMISTON, 1400 - *Thebe*
464. Thabiso Paul Mtembu - 920826 5693 085 - Ethembeni Area, STANGER, 4450 - *Mthembu*
465. Thubelihle Freedom Mthembu - 970407 5512 085 - Groutville Area, STANGER, 4450 - *Nxumalo*
466. Cwebile Kumalo - 940221 0080 080 - 10644 / 11 Malalane Street, DOBSONVILLE, 1863 - *Dhlamini*
467. Makhosana Sakhukthula Cebekhulu - 991005 5643 085 - Mabhobane Area, MAPHUMULO, 4400 - *Sibisi*
468. Thina Ngwenya - 010402 0207 080 - 19 Sprigg Street, Protea Pines, Northpine, KRAAIFONTEIN, 7570 - *Dludla*
469. Nkanyiso Notshikila - 880720 5621 089 - 61432 Anthony Lebethe Street, BELLVILLE, 7700 - *Majora*
470. Liteboho Alfred Kgotseng - 891219 5799 083 - 754 B Phiri Khumalo Stand, JOHANNESBURG, 2001 - *Shata*
471. Lungelo Ralph Zamokuhle Khumalo - 000720 5245 082 - 2786 Bambanani Road, Chesterville, DURBAN, 4001 - *Shoba*

472. Zinzile Mtyingizane - 000924 0470 089 - Slovo Park, MTHATHA, 5099 - *Nongawuza*
473. Ayakha Ngqoleka - 961216 0872 084 - 306 Movaton Street, MOUNT AYLIFF, 4735 - *Mawulane*
474. Vukile Mziki - 990824 5852 087 - Ward 15, Magog Location, UMZUMBE, 4225 - *Cele*
475. Mantele Lehihi - 941213 0505 082 - Plot 61, Princess, ROODEPOORT, 1724 - *Mojahi*
476. Andrew Mncedisi Van Der Merwe - 941101 5217 086 - 94 – 11th Avenue, ALEXANDRA, 2090 - *Dube*
477. Nceba Emmanuel Silingile - 950502 5309 088 - 55756 Cathrada, Phahameng, BLOEMFONTEIN, 9300 - *Hukhwe*
478. Linda Lwandile Mabuto - 960315 5303 086 - 1287 Uthekwane Street, Extension 5, Ramaphosa, BOKSBURG, 1459 - *Khumalo*
479. Sydney Mamoloko Tshepho Nkgoweng - 951114 5540 081 - Private Bag X3035, MPHAHLELE, 0700 - *Mahlagaume*
480. Luyanda Mohlanga - 980528 6005 080 - 11338 Hammonds Farm, VERULAM, 4039 - *Mthembu*
481. Bonginkosi Albert Banda - 940912 5178 081 - 3157 Ethandweni Street, Extension 3, PALM RIDGE, 1458 - *Zwane*
482. Abel Karabo Seshoka - 850709 5721 086 - 863 Block GG, SOSHANGUVE, 0152 - *Motau*
483. Su prise Lungile Mashilwane - 901226 0545 088 - 3979 Godfrey Motla Street, Ackerville, WITBANK, 1050 - *Thela*
484. Mondli Motshaba - 930420 5351 080 - 5 Frederick Place, Kibler Park, ALBERTON, 1450 - *Masilela*
485. Mukondi Patrick Mavhivha - 811006 5779 083 - 8409 Roller Street, Hillside, LENASIA, 1717 - *Munanyi*
486. Nyameka Mateta - 851204 0999 084 - 1206 Brown's Farm, PHILLIPI, 7785 - *Mrwebi*
487. Tshepo William Motsabitsabi - 860714 5638 080 - 956 Berrens Street, Phiri, SOWETO, 1717 - *Molefe*
488. Khetha Cyril Hlophe - 840207 5420 083 - 873 Area 4, Congo, INANDA, 4309 - *Mpanza*
489. Gaelebale Dorah Senoge - 841224 0452 085 - 663 – 17th Avenue, Mohadin, POTCHEFSTROOM, 2531 - *Blood*
490. Tebogo Levy Kobola - 880312 5209 089 - Stand no 9034, Extension 44, Greenside, POLOKWANE, 0699 - *Letsoalo*
491. Ketlana Sara Mhlana - 641203 0389 085 - 10045 Block J, Kekana Gardens, TEMBA, 0407 - *Maluleke*
492. Mandlakayise Ndlela - 720806 5416 085 - Nhangwini Area, MAPHUMULO, 4400 - *Ndhlazi*
493. July William Sibusiso Thwala - 830701 5292 080 - 18371 Extension 19, EMBALENHLE, 2285 - *Mthethwa*
494. Mthuthuzeli Mayongo Ncedo - 810326 5457 089 - 37488 Nkanye Street, KHAYELITSHA, 7784 - *Mayongo*
495. Mitchel Makola - 990726 5576 089 - Strydkraal B, JANE FURSE, 1085 - *Mokgwadi*
496. Nomsa Adelinah Masangana - 000208 0105 089 - 674 Mofokeng Section, KATLEHONG, 1431 - *Radebe*
497. Vuyo Shaun Xotywana - 970825 5971 086 - Glover Road, CENTURION, 0157 - *Khumalo*
498. Mahlatse Rachel Chidi - 950104 0868 083 - 6903 Section T, MAMELODI WEST, 0183 - *Shaku*
499. Thandeka Lydia Mlangeni - 880621 0321 081 - 21937 Jabulani Street, Ikageng, MAMELODI EAST, 0183 - *Mbuyane*
500. Thobani Pleasure Majola - 010831 5508 086 - Masundwini Area, ESHOWE, 3815 - *Shezi*
501. Karabo Pascaline Mohanoe - 000330 0268 087 - 6339 Zone 12, SEBOKENG, 1982 - *Mofokeng*
502. Nkululeko Powell Mzizi - 891105 5309 082 - A 34 Umgungundlovu Road, Hambanathi, TONGAAT, 4399 - *Makhanya*
503. Mbongeni Zondi - 861101 5575 083 - 135 Anton Lembede Street, DURBAN, 4001 - *Zibula*
504. Motshele Tshephang Makunyane - 950920 0547 082 - Phase 4, SEKHUKHUNE, 1124 - *Seepe*
505. Thulisiwe Ndlovu - 801005 0675 082 - 42 Hlongwane Street, Extension 4, Langaville, TSAKANE, 1550 - *Sibiya*

506. Marius Meyer - 960715 5131 082 - Polkedraai Road, Asara Wine Estate, STELLENBOSCH, 7599 - *Opperman*
507. Ntombeziningi Promise Mtolo - 010619 0320 080 - L 1078 Mpiselo Road, KWA MASHU, 4360 - *Ngema*
508. Khomotso Olivar Mabaso - 870430 5777 087 - C 0180 Mamogwashi Village, ZEBEDIELA, 0628 - *Aphane*
509. Enatt Wandile Sibanyoni - 940129 5662 085 - Stand no 1410, MATSULU, 1203 - *Palmer*
510. Itumeleng Aphane - 010629 5171 081 - 4 Piaro Avenue, Mascopolo, BONAERO PARK, 1699 - *Makota*
511. Sandile Lepoto - 010129 5236 083 - 401 East Bank Avenue, ALEXANDRA, 2010 - *Mazibuko*
512. Sithembele Mathe - 881220 5965 080 - 8165 Pitchwa Street, Extension 11, PROTEA GLEN, 1819 - *Mathe-Jekemba*
513. Reneck Kagiso Marumele - 930125 5687 082 - 198 Blom Street, New Sicelo Village, MEYERTON, 1961 - *Joseph*
514. Sonto Pretty Ngobe - 790812 0422 081 - Private Bag X1008, WHITE RIVER, 1200 - *Mgwenya*
515. Tebogo Magnificent Letsoele - 910514 5334 080 - Private Bag X1008, WHITE RIVER, 1200 - *Mashigo*
516. Nkululeko Lindani Nkosi - 871206 5337 083 - 47 Hlubi Street, Wesselton, ERMELO, 2350 - *Sibiya*
517. Angelica Hearther Christian - 000905 0098 087 - 89 A Dennis Road, Athol, SANDTON, 2140 - *Brooks*
518. Mpopane Fortunate Mathole - 000702 5222 089 - Stand no 193, Tickyline Village, MARULENG, 0890 - *Matlho*
519. Mmabatho Magdeline Setsiba - 000120 0438 081 - House no 314 A, MAJEJE, 1220 - *Kobela*
520. Thabiso Chauke - 960825 5844 087 - Stand no 2730, MSHOLOZI, 1200 - *Zitha*
521. Thapelo Ofithile Kobue - 851127 5399 085 - 1753 Unit B, MMABATHO, 2735 - *Gause*
522. Nonhlanhla Sibuyi - 890506 0458 082 - 1943 Mandela Drive, Wesselton, ERMELO, 2350 - *Ngobeni*
523. Bekuyise Sampleton Mthembu - 790102 6128 084 - 2833 A Jikijolo Street, Zone 2, PIMVILLE, 1804 - *Mlambo*
524. Njabulo Thulani Ndlovu - 980108 5736 082 - 777 Xaba Stand, OSIZWENI, 2952 - *Tshabalala*
525. Nompumelelo Wendy Mchunu - 980903 0989 086 - Ofafa, IXOPO, 3276 - *Mdunge*
526. Tshepiso Lillian Setsiba - 930704 0460 081 - House no 314 A, MAJEJE, 1300 - *Kobela*
527. Alpheus Morena Qebekulu - 890622 5516 087 - 5507 Extension 10, BOPHELONG, 1911 - *Mokoena*
528. Siphso Puleng Selemela - 851125 5512 087 - 698 – 9 Lithuli, SESHEGO, 0701 - *Ramolefo*
529. Khazamula Stanley Banda - 900822 5618 085 - 953 Dumazi Street, Tshamahansi, MOKOPANE, 0600 - *Manganye*
530. Koketso Amukgelang Kokhutsa - 980505 0485 088 - 8321 B Mndoni Street, Zone 6, PIMVILLE, 2001 - *Ngobeni*
531. Sikheto Elias Ngoveni - 521021 5691 080 - Basani Village, ELIM, 0900 - *Mkhabela*
532. Nofinish Sindeka Damane - 491226 0760 089 - Manzana Area, NGCOBO, 5100 - *Xundu*
533. Tamati Philimon Nkosi - 360303 5521 085 - 20724 Extension 10, SOSHANGUVE, 0152 - *Moloele*
534. Musadimuswa Letta Shakwani - 4506070610 086 - Ga-Madileng, DRIEKOP, 1129 - *Nkwana*
535. Mhlaba Piet Ngobene - 290118 5159 081 - 402 Tselapedi Section, HAMMANSKRAAL, 0201 - *Mokhari*
536. Johannes Khazamula Maluleke - 600507 5376 080 - 11277 Ledwaba Street, MAMELODI EAST, 0152 - *Mbambo*
537. Phineas Kemisi Mokobodi - 680203 5888 083 - 5154 Extension 12, Hospital View, TEMBISA, 1632 - *Mokobane*
538. Thulani Ngcobo - 960305 5859 088 - R 389, UMLAZI, 4031 - *Gebashe*
539. Ntoden Patrick Khorombi - 570523 5683 082 - Mukula Village, THOHOYANDOU, 0950 - *Ramugondo*

540. Lucas Steyn Sekopa - 750909 5568 088 - P O Box 229, STEELPOORT, 1133 - *Maeyane*
541. Khotso Mavuso - 850719 5745 084 - 45 Taurus Road, 9 Park Village, SUNDOWNER, 2190 - *Motaung*
542. Sabelo Nkululeko Dlamini - 970108 5497 083 - 5679 Misipen Street, Extension 2, BRAAMFISCHER, 2100 - *Zulu*
543. Simphiwe Mkhulisi - 930828 5331 086 - 3353 Section H, Ahs Street, RANDBURG, 2125 - *Xhoseni*
544. Kojoaneng Jan Kotjane - 860922 6014 082 - 6 Dodgson Avenue, Klieppoortjie, GERMISTON, 1800 - *Kofa*
545. Makgetha Sifeso Tebogo Rakau - 920108 5203 086 - 1546 Phase 8, GA-RANKUWA, 0208 - *Nteo*
546. Karabo Mokoena - 900122 5288 082 - 25 Russel Lubisi Street, SAULSVILLE, 1700 - *Tshabalala*
547. Vuyokazi Maria Tshabalala - 971126 0711 083 - 8659 Nkosi Street, Raceview Section, HEIDELBERG, 1438 - *Ngaleka*
548. Tsakane Terrens Mashabela - 000916 5514 085 - 788 Block G, MOLOTO, 1100 - *Nyalungu*
549. Hlulani Oberholzer Makaula - 001216 5696 084 - 4625 Extension 3, Sunrise Street, LAWLEY, 1800 - *Nwaila*
550. Cleopatra Annah Mahlakoane - 910103 0358 086 - 3973 Dr Mgula Street, Mohlokeng, RANDFONTEIN, 1759 - *Mogapi*
551. Victoria Manetse - 760312 0552 082 - 129 Coalclose Street, Bassonia Rock, ALBERTON, 1400 - *Manenzhe*
552. Kgagudi Liberence Phala - 820423 5744 083 - 10180 Lulekani Street, Extension 10, TEMBISA, 1632 - *Phasha*
553. Ziyaad Adams - 931031 5567 085 - 234 Lawrence Road, ATHLONE, 7800 - *Begg*
554. Xolani Goodman Maqetseba - 820909 6122 089 - 656 Block R, SOSHANGUVE, 0152 - *Mqulo*
555. Lesego Ellen Moshokane - 801208 0289 082 - 204 Selamolela Street, CYFERSKUIL, 0483 - *Leballo*
556. Kelebogile Kholofelo Bontle Segooa - 981223 0152 083 - 45 Stevens Road, Blairgowrie, JOHANNESBURG, 2001 - *Tshetlo*
557. Sasha Sibusiso Siyabonga Madondo - 961004 5055 081 - 107 Henderson Street, ALBERTON, 1450 - *Moldenhuer*
558. Muvhango Evans Mandiwane - 960808 5425 081 - 1748 A Maluleke Street, TSHIAWELO, 1700 - *Matidze*
559. Sthabiso Mngcwango - 010513 5290 085 - 1215 Masoka Street, JABULANI, 1868 - *Mnguni*
560. Nomkhosi Angel Ngubani - 890128 0816 084 - 6613 Tonki Street, Extension 2, Emdeni, SOWETO, 1801 - *Zondo*
561. John Danie Phillaner - 990523 5758 084 - Stand no 379, Extension 10, LEEUVALLEI, 1150 - *Iouw*
562. Donald Mahlambani Sibuyi - 950803 5154 080 - 1943 Mandela Drive, WESSELBRON, 2350 - *Ngobeni*
563. Thomas Mamosadi - 840613 5212 083 - Stand no 1360, Sovolo Village, SEHLAKWANE, 1047 - *Mohlala*
564. Bongani Andries Mfuphi - 961024 5770 083 - 1031 Ezenzeleni, WARDEN, 9890 - *Mokwena*
565. Yolanda Zondi - 010614 0662 086 - Ngome Area, GREYTOWN, 3250 - *Xaba*
566. Mbali Pinky Qwabe - 980820 1008 080 - P O Box 434, HLUHLUWE, 3960 - *Domleo*
567. Ontroy Remember Ngobeni - 851103 5424 082 - 14232 Dube Street, IVORY PARK, 1632 - *Maluleke*
568. Solomon Stanley Mahlangu - 840916 5895 082 - Stand no 101, Nhlazatshe No 7, MIDDELBURG, 1050 - *Nkosi*
569. Gordon Siyabonga Thango - 750816 5942 082 - 652 A Zone 4, MEADOWLANDS, 1852 - *Radebe*
570. Vusumuzi Musawenkosi Mthimkhulu - 720312 6040 081 - P O Box 315, HLABISA, 3937 - *Jele*
571. Motentsane Gertrude Mogodi - 920604 0635 082 - 40025 Phaahlananoge, JANE FURSE, 1085 - *Mahlanya*
572. Bongiseni Mkencele - 900807 5740 088 - 347 Motsaoted, DIEPKLOOF, 1804 - *Sulo*
573. Thobani Zondi - 980220 5890 080 - Mbuba, GREYTOWN, 3250 - *Ndlovu*

574. Peabo Lesego Matlhaku - 970904 5333 082 - House no 1, Squater Camp, ZANDSPRUIT, 2001 - *Tau*
575. Khutso Phokwane - 900704 5885 080 - P O Box 779, MARBLE HALL, 0450 - *Mmotong*
576. Nkosinathi Godfrey Bobbejaan - 900819 5225 085 - 5861 Ikhuseng Street, Ikageng Location, POTCHEFSTROOM, 2531 - *Foloti*
577. Nosipho Immaculate Bongiwe Khawula - 920624 0850 085 - 5 Mtshali Road, Ezimbokodweni, AMANZIMTOTI, 4126 - *Zulu*
578. Othaniel Banele Xhasa - 930422 5311 080 - 444 Bates Road, EVATON, 1984 - *Maphoto*
579. Necolious Khosa - 940325 6283 083 - 10056 Alhol, HLUVUKANI, 1363 - *Sekulane*
580. Samantha Mikaela Jacobs - 940125 0025 088 - 18 Veda Park North, 842 Veda Street, MONTANA PARK, 0184 - *Morais*
581. Juandré Leroy Sampson - 930625 5305 080 - 136 De Villiers, CAPE TOWN, 7460 - *Doidge*
582. Mzwakhe Gift Mokoena - 760709 5638 081 - 948 Khumalo Valley, KATLEHONG, 1431 - *Nhlapho*
583. Relebogile Jazzmine Faith Zwane - 990625 0821 088 - 568 Witogje Street, DIE WILGERS, 0010 - *Kekana*
584. Tsepo Kodi Rakgalakane - 920722 6144 089 - 2821 Kwaguqu, Extension 4, WITBANK, 1039 - *Madiba*
585. Kagiso Obed Sibanda - 911026 5747 087 - 115 Morningside Section, MMAMETLHAKE, 0432 - *Bokaba*
586. Angelo Tchelibachki - 010416 6282 087 - 50 Fourways Estate, Inchanga Road, Craigavon, JOHANNESBURG, 2001 - *Stankov*
587. Kitso Prudent Matabane - 760817 5490 088 - 8162 Lengall Street, Extension 4, ATTERIDGEVILLE, 0001 - *Matlala*
588. Aggrey Mathintha - 991223 6060 080 - Manlini, THOHOYANDOU, 0950 - *Rasinagana*
589. Nompumelelo Promise Ndlovu - 921010 1667 083 - Hlati No 2, LADYSMITH, 3370 - *Buthelezi*
590. Minenhle Nokulunga Hlabisa - 010722 1039 087 - Engozini, KWANASWANE, 3973 - *Mngadi*
591. Njabulo Christopher Shusha - 900213 6039 085 - Ezimangweni Area 3, House no 432, INANDA, 4310 - *Khowa*
592. Joel Arnold Skriker - 700723 5228 085 - 4 Kamp Street, House no 193, OKIEP, 8270 - *Cockrell*
593. Andries Muishond - 691203 5077 080 - 11 Pelikaan Street, KIMBERLEY, 8300 - *Damins*
594. Kgosietsile Emmanuel Digwamaje - 830911 6026 086 - 4395 Block B, MABOPANE, 0190 - *Digwamaje Mladen*
595. Keaoleboga Evelyn Matedibe - 870608 1089 082 - 10101 Masoohatshe Village, GANYESA, 8613 - *Mokonele*
596. Marisane Jayce Phala - 820515 5650 085 - P O Box 49, DRIEKOP, 1129 - *Maepa*
597. Mbovu Mondi - 840404 5980 089 - Block B no 1535, DASSENHOEK, 3610 - *Ngubane*
598. Tebogo Petrus Molimi - 861022 5406 089 - 1056 Maboloka Section, BRITS, 0250 - *Dhladhla*
599. Tsholofelo Maria Sithole - 781209 0633 083 - 1054 Block B, LETLHABILE, 0264 - *Sithole*
600. Tebogo Magane - 930209 0331 084 - 2397 Extension 2, LETLHABILE, 0264 - *Masela*
601. Dumisane Albert Maretele - 920723 5300 086 - 528 Zone 1, LETLHABILE, 0264 - *Rasesamola*
602. Godfrey Sipiwe Masuku - 830724 5653 085 - 119 Emthoteni, MACHADODORP, 1100 - *Nkosi*
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607. Portia Rabodibane Mogohlo - 790525 0391 086 - Ga-Malekane, SEKHUKHUNE, 1124 - *Malekane*



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609. Siyabong Sibeko- 970704 5599 082 -Stand No 679, Walter Sisulu, DENNILTON, 1030 - *Zwane*
610. Karikana Joseph Madisha- 790109 5402 089 -Lenting Village, GA- MPHAHELE, 0736 - *Mphahlele*
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635. Kgoloko Thabang Nkadimeng- 980612 5556 085 -Mashilabele Village, SEKHUKHUNE, 1124 - *Mmola*
636. Kamohelo Phokojoe- 960712 5275 084 -30409 Dithoaneng Section, BODIBE, 2741 - *Njemla*
637. Katlego Maree Bagapi- 951104 5574 081 -House No 887, Maruping Village, KURUMAN, 8460 - *Dikalubwa*
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## DEPARTMENT OF MINERAL RESOURCES

NO. 27

17 JANUARY 2020

**MINE HEALTH AND SAFETY ACT, 1996 (ACT NO 29 OF 1996)****GUIDELINE FOR THE COMPILATION OF A MANDATORY CODE OF PRACTICE FOR  
THE MANAGEMENT OF SELF-CONTAINED SELF-RESCUERS IN MINES**

I, **DAVID MSIZA**, Chief Inspector of Mines, under section 49(6) of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996) and after consultation with the Council, hereby issues the guideline of a mandatory code of practice for the management of self-contained self-rescuers in mines in terms of the Mine Health and Safety Act, as set out in the Schedule.



**D MSIZA**  
**CHIEF INSPECTOR OF MINES**

**SCHEDULE**

*Reference Number:* DMR 16/3/2/4-A8  
*Last Revision Date:* 26 July 2018  
*Date First Issued:* First edition  
*Effective Date:* 01 July 2020

**DEPARTMENT OF MINERAL RESOURCES**

**MINE HEALTH AND SAFETY INSPECTORATE**

**GUIDELINE FOR THE COMPILATION OF A  
MANDATORY CODE OF PRACTICE FOR**

**MANAGEMENT OF SELF-CONTAINED  
SELF-RESCUERS IN MINES**



**CHIEF INSPECTOR OF MINES**



**mineral resources**

Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

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## PART A: THE GUIDELINE

### 1. FOREWORD

The guideline for the management of **SCSRs** has been developed to detail relevant requirements of applicable sections of the Chapter 16 Regulations of the **MHSA** relating to responses to emergencies in mines.

- 1.1. The mining industry has seen the occurrence of low frequency, major impact, unwanted events resulting in numerous fatalities, injuries and considerable damage to the mine's infrastructure. Gas explosions, the ignition of flammable dust clouds and underground fires are examples of events that result in emergencies where **employees** must evacuate a mine while being exposed to **irrespirable atmospheres** resulting from such events.
- 1.2. Entrenched in the intent of the **MHSA**, are efforts that should be directed primarily at avoiding the occurrence of such unwanted events through risk elimination and risk mitigation. Only when such measures do not yield acceptable residual risk levels, shall other methods be employed that will ensure that the safety of **employees** in the aftermath of such events is assured.
- 1.3. In the case where irrespirable atmospheres may occur, the use of **SCSRs** should be considered as a mitigating measure. Chapter 16.2 of the **MHSA** Regulations provides clear guidance as to which classes of mines or instances where the use of self-contained self-rescuers is deemed mandatory.

### 2. LEGAL STATUS OF GUIDELINES AND COPs

- 2.1. In accordance with section 9(2) of the **MHSA** an employer must prepare and implement a **COP** on any matter affecting the health or safety of **employees** and other persons who may be directly affected by activities at the mines if the **CIOM** requires it. These **COPs** must comply with any relevant guideline issued by the **CIOM** (section 9(3)). Failure by the employer to prepare or implement a **COP** in compliance with this guideline is a breach of the **MHSA**.
- 2.2. This guideline provides a framework to assist employers to implement principles required for the management of procedures intended for the appropriate **deployment** of **SCSRs** in mines.

### 3. THE OBJECTIVE OF THIS GUIDELINE

- 3.1. The objective of this guideline is to provide guidance in compiling a mandatory **COP** to the employer of every mine where **SCSRs** must be deployed, developed within the context of Chapter 16 of the **MHSA** Regulations. It is intended that, if properly structured and strictly implemented, the **COP** shall assist the employer to manage all aspects associated with the deployment of **SCSRs** and shall ensure that the life-saving potential of these units is realised thereby minimising risks to persons affected by emergencies where **irrespirable atmospheres** are encountered.
- 3.2. The guideline provides guidance on the required format and content for the **COP** and details sufficient technical background to enable a drafting committee at the mine to prepare a comprehensive and practical **COP** for their mine.

#### 4. DEFINITIONS AND ACRONYMS

4.1. In this guideline, or any amendment thereof, unless otherwise indicated, the following definitions and acronyms are applicable:

- a) “**ATA**” means an Accredited Testing Authority, an organisation accredited to test **SCSRs** in terms of the South African National Accreditation System, for the assessment of the structural integrity and functional performance of **SCSRs**.
- b) “**Body-worn self-contained self-rescuer**” (**BWSCSR**) means a **SCSR** designed to be worn by workers on their body for the duration of a complete underground working shift that will allow workers to reach a **place of safety** in an **emergency**.
- c) “**CIOM**” means Chief Inspector of Mines.
- d) “**COP**” means Code of Practice.
- e) “**Cold start**” means **SCSR** activation for units not equipped with oxygen starters.
- f) “**CSIR**” means Council for Scientific and Industrial Research.
- g) “**Deployment**” (of **SCSR**) is a process by which **SCSRs** are issued individually to **employees**, contractors or **visitors** to a mine or section of a mine where, through the application of Regulation 16.2 of the **MHSA**, **employees** must be equipped with **SCSRs** when proceeding underground.
- h) “**DMR**” means Department of Mineral Resources.
- i) “**Donning**” (of **SCSR**) is the procedure followed by a person to activate their **SCSR** as required by mine **emergency** procedures.
- j) “**Emergency**” means a situation, event or set of circumstances at a mine that could threaten the health or safety of persons at the mine, and which requires immediate remedial action, such as the evacuation, rescue or recovery of persons, to prevent serious injury or harm, or further serious injury or harm, to persons.
- k) “**Employees**” means, for the purpose of this guideline, **employees** as defined in the **MHSA** and any other person who is required to wear a **SCSR** while at a mine.
- l) “**Irrespirable atmosphere**” means an atmosphere in a mine, requiring **employees** to wear breathing apparatus or **SCSRs** due to the presence of poisonous gas or insufficient oxygen caused by an incident at the mine e.g. as a result of but not limited to combustible gas explosions, coal-dust explosions, combined gas and dust explosions, or mine fires.
- m) “**Long duration self-contained self-rescuer (LDSCSR)** means a **SCSR** that will supply oxygen for a minimum of 50 minutes at a ventilation rate of 35 litres per minute. The unit must provide oxygen instantly when activated, e.g. by chemical

reaction or compressed oxygen starters, that may be used to escape from a **place of safety** to surface.

- n) **“MHSA”** means the Mine Health and Safety Act, 1996 (Act 29 of 1996), as amended.
- o) **“MHSC”** means Mine Health and Safety Council.
- p) **“MHSI”** means Mine Health and Safety Inspectorate.
- q) **“MRS”** means Mines Rescue Services.
- r) **“OEM”** means original equipment manufacturer.
- s) **“Place of safety”** means any place, which, during an **emergency**, can sustain life for the duration of the **emergency** and is adequate in size and capacity to accommodate the maximum number of affected persons likely to be present in the area served by it.
- t) **“SANS 1737”** means South African National Standard for body-worn escape type breathing apparatus.
- u) **“Self-contained self-rescuer (SCSR)”** means a portable oxygen source (chemical or stored) that, when activated, will provide breathable air in a closed circuit.
- v) **“SIMRAC”** means Safety in Mines Research Advisory Committee.
- w) **“Visitor”** means a person, other than an employee, who is expected to spend one shift or less in an area of the mine that requires the **deployment** of **SCSRs**.

## 5. SCOPE

- 5.1. In structuring the mine’s **COP** for the management of **SCSRs**, this guideline shall be used in conjunction with the guideline for the compilation of a mandatory **COP** for **Emergency** Preparedness and Response which it is intended to complement.
- 5.2. The scope of the **COP** for the management of all **SCSRs** in mines under the control of the employer (excluding units under the control of the mines rescue service providers) includes:
  - 5.2.1. Details for the allocation, use, testing and maintenance of **SCSRs** in accordance with Chapter 16 of the **MHSA** Regulations.
  - 5.2.2. Procedures for:
    - 5.2.2.1. The procurement, storage, maintenance, allocation, use and disposal of **SCSRs** at a mine;
    - 5.2.2.2. The execution and enhancement of incident investigations involving **SCSRs**; and
    - 5.2.2.3. Training of **employees** in the **deployment**, activation and use of **SCSRs**.

- 5.3. Adoption of relevant additional information, as required, from reputable sources on all aspects related to the **deployment** of **SCSRs** e.g. **SIMRAC** Research Reports, **CSIR**, South African Bureau of Standards, etc.

## 6. MEMBERSHIP OF THE TASK TEAM

- 6.1 This document was prepared by the Mining and Mineral Policy Unit and the Occupational Health Chief Directorate of the **DMR** for consultation with the **MHSC**.
- 6.2 The following persons played active roles in the initial development of this guideline:

STATE	ORGANIZED LABOUR	EMPLOYERS	TECHNICAL ADVISORS
T. Motitimi (Chairperson)	M. Llale	M. Biffi	R. Bergh ( <b>CSIR</b> )
J. Legadima		J.C. Herbst	L. Bologo ( <b>CSIR</b> )
		M. van Deventer	M. Fourie ( <b>MRS</b> )
		J. Janse van Rensburg	C. de Klerk ( <b>MRS</b> )
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		J. Maass	M. Sehlabana ( <b>CSIR</b> )
		B. Yates	

## PART B: AUTHOR'S GUIDE

1. The **COP** must, where possible, follow the sequence laid out in Part C: Format and content of the mandatory **COP**. All headings, paragraphs and sub-paragraphs should be numbered to facilitate cross-referencing. Wording must be unambiguous and concise.
2. It should be indicated in the **COP** and on each annexure to the **COP** whether:
  - 2.1. Mandatory annexures form part of the guideline, compliance is mandatory where indicated and must be incorporated in the **COP**.
  - 2.2. Discretionary annexures are provided for information or for consideration in the preparation of the **COP** (i.e. compliance is optional).
3. When annexures are used the numbering should be preceded by the letter allocated to that particular annexure and the numbering should start at one (1) again. (e.g. 1, 2, 3, A1, A2, A3...).
4. Whenever possible illustrations, tables and graphs should be used to avoid long descriptions and/or explanations.
5. When reference has been made in the text to publications or reports, references to these sources must be included in the text as footnotes or side notes as well as in a separate bibliography.

## PART C: FORMAT AND CONTENT OF THE MANDATORY COP

### 1. TITLE PAGE

The **COP** should have a title page reflecting at least the following:

- 1.1. The name of mine;
- 1.2. The heading: “Mandatory Code of Practice for the management of self-contained self-rescuers in mines”;
- 1.3. A statement to the effect that the **COP** was drawn up in accordance with guideline **DMR 16/3/2/4-A8** issued by the **CIOM**;
- 1.4. The mine reference number for the **COP**;
- 1.5. The effective date; and
- 1.6. Revision dates (if applicable).

### 2. TABLE OF CONTENTS

The **COP** must have a comprehensive table of contents.

### 3. STATUS OF THE COP

The **COP** should set out the processes followed for the identification and assessment of the significant risks outlined in paragraph 7.1 and how these will be addressed. The **COP** should address at least the aspects set out in this section unless there is no significant risk associated with that aspect in relation to **deployment** of **SCSRs** at the mine:

- 3.1. This section must contain statements to the effect that:
  - 3.1.1. The **COP** was drawn up in accordance with guideline **DMR 16/3/2/4-A8** issued by the **CIOM**.
  - 3.1.2. This is a mandatory **COP** in terms of sections 9(2) and (3) of the **MHSA**.
  - 3.1.3. The **COP** may be used in an incident/accident investigation/inquiry to ascertain compliance and also to establish whether the **COP** is effective and fit for purpose.
  - 3.1.4. The new version of the **COP** supersedes all previous versions of the same.
  - 3.1.5. All managerial instructions, recommended procedures (voluntary **COPs**) and standards on the relevant topics must comply with the **COP** and must be reviewed to assure compliance.



#### 4. MEMBERS OF THE DRAFTING COMMITTEE

- 4.1. In terms of section 9(4) of the **MHSA** the employer must consult with the health and safety committee on the preparation, implementation or revision of any **COP**.
- 4.2. It is recommended that the employer should, after consultation with the **employees** in terms of the **MHSA**, appoint a committee responsible for the drafting of the **COP**.
- 4.3. The members of the drafting committee assisting the employer in drafting the **COP** should be listed giving their full names, designations, affiliations and experience. This committee should include competent persons sufficient in number to effectively draft the **COP**.

#### 5. GENERAL INFORMATION

General relevant information relating to the mine must be stated in this section of the **COP**.

The following minimum information must be provided:

- 5.1. A brief description of the mine and its location;
- 5.2. The commodities produced;
- 5.3. The mining methods or combination of methods used at the mine must be listed. This section must discuss the degree of mechanization, taking care to identify the potential situation and or sources that could give rise to an **emergency**.
- 5.4. The unique features of the mine that have a bearing on this **COP** must be set out and cross-referenced to the risk assessment conducted e.g. approximate number of workers and sections of the mine where the **deployment** of **SCSR** is required either by **MHSA** Regulation 16 or the mine's own risk assessment.

#### 6. TERMS AND DEFINITIONS

Any word, phrase or term of which the meaning is not absolutely clear, or which will have a specific meaning assigned to it in the **COP**, must be clearly defined. Existing and/or known definitions should be used as far as possible. The drafting committee should avoid jargon and abbreviations that are not in common use or that have not been defined. The definitions section should also include acronyms and technical terms used.

#### 7. RISK MANAGEMENT

- 7.1. To assist the employer to manage risks associated with the **deployment** of **SCSRs**, all relevant information such as lessons learned from incidents involving **SCSRs**, results from the **SCSR** functional performance test, research reports, manufacturers' specifications, approvals, design criteria and modifications related to the **SCSR** types in service at the mine and for all relevant ancillary equipment, should be obtained and considered for inclusion in the **COP** and revisions thereof and in the standard operating procedures associated therewith.

- 7.2. In addition to the periodic review required by section 11(4) of the **MHSA**, the **COP** should be reviewed and updated after incidents involving **SCSRs**; or after every **emergency**, altered circumstances, or if significant changes are introduced to procedures, mining and ventilation layouts, mining methods, plant or equipment and material.

## 8. ASPECTS TO BE ADDRESSED IN THE COP

The **COP** should set out the processes followed for the identification and assessment of the significant risks outlined in paragraph 7.1 and how these will be addressed. The **COP** should address at least the aspects set out in this section unless there is no significant risk associated with that aspect in relation to **deployment** of **SCSRs** at the mine:

### 8.1. SCSR selection criteria

- 8.1.1. Only types and makes of **BWSCSRs** approved in terms of **SANS 1737**, shall be considered for selection by the mine.
- 8.1.2. The criteria for the selection of the **SCSRs** in use at the mine must be outlined in the **COP** to demonstrate alignment with the **emergency** procedures that govern the orderly and safe evacuation of working places affected by a number of hazardous situations as stipulated in the mine's **COP** for **emergency** preparedness and response.
- 8.1.3. The **SCSR** selection criteria shall be based primarily on the anticipated duration of selected units, be these **BWSRSCs** or **LDSCSRs**, as required by the **emergency** response strategy. The **SCSRs** anticipated duration shall be based on the layout of escape routes, distance to and between places of safety along these, predicted levels of visibility, any use of locating systems to cater for poor visibility (e.g. lifelines, acoustic directional systems, etc. where these form part of the mine's escape strategy). In addition, it shall be demonstrated that the distances from the various working places to the respective places of safety and between places of safety along escape routes are within the recorded duration and demonstrated life-saving potential of the selected units as indicated by **SANS** batch testing and by the results from the mine's annual functional performance test (refer to **MHSA** Regulation 16.4).

### 8.2. SCSR logistics management

- 8.2.1. Procedures for personal **SCSR** allocation to all **employees** intended to be issued with **SCSRs** when signing-on or when transferred;
- 8.2.2. Procedures for **SCSR** lamp-room issuing and collection at the beginning and at the end of each shift respectively;
- 8.2.3. Procedures for **SCSR** storage during the off-shift periods;
- 8.2.4. Checking of **SCSRs** and any condition-monitoring by lamp-room staff;
- 8.2.5. Training of **employees** in the **donning** and use of **SCSRs**;

8.2.6. Training of the lamp room and relevant staff in the routine inspection of **SCSRs**, and in handling **SCSRs** involved in incidents; and

8.2.7. **SCSR** selection and purchasing procedures.

For each of the above, the **COP** shall outline clear roles and responsibilities of individuals tasked with executing procedures and overseeing all related functions.

### 8.3. Issuing and deployment of **SCSRs**

8.3.1. Outline the process whereby **employees** required to be issued with **SCSRs** are identified and issued with a personally assigned **SCSR** following completion of the requisite training programme.

8.3.2. Measures shall be in place at all times to ensure that every **SCSR** is allocated solely to the designated employee once daily except in cases where defects have been encountered during routine checks or where the assigned unit has been withdrawn for functional performance testing, repairs or maintenance. Annexure C shows a typical sample of **SCSR** allocation or history record that may be considered in managing the **deployment** of **SCSRs**.

8.3.3. The mine shall ensure that at least 5 % of the total number of **SCSRs** in use at each shaft for the above occurrences and for day-**visitors** to the mine or to sections of the mine where **SCSRs** are to be deployed.

8.3.4. Where the **deployment** of **LDSCSRs** forms part of the mine's escape and rescue procedures, the **COP** shall outline the criteria for the location, storage and supervision of these units. The location of underground storage caches and change-over stations shall be clearly indicated on the mine's escape and rescue plan and associated documentation.

### 8.4. Training in the use of **BWSCSRs**

#### 8.4.1. **Employees**

The **COP** shall detail procedures that will ensure that all **employees** are given adequate and annual (not exceeding 18 months) training in all aspects of the **donning** and use of **SCSRs** where this is required. The following aspects should be addressed also in terms of;

- (a) Providing a clear understanding of the role of **SCSRs** in the mine's escape and rescue strategy and particularly of when the units need to be donned (e.g. **emergency** alarm conditions, supervisor's instructions, control room communication from surface, triggering of early warning systems, etc.).
- (b) Ensuring that **employees** are familiar with the **donning** and activation procedures even in poor visibility. Training procedures should be based primarily on the **SCSR OEM's** operational and training manual.
- (c) Where needed, providing training material that includes experiential training methodology including sufficient physical, cognitive, psychological, and behavioural information beyond the necessary technical information supplied

by the **OEM** and hands-on experience. This will allow **employees** an adequate understanding of any potential physical and psychological symptoms which they might experience when **donning** and using **SCSRs**.

- (d) Exposure to conditions likely to be encountered when **SCSRs** are being donned, inclusive of elevated breathing resistance levels and of increases in inhaled air temperature.
- (e) Simulation awareness training shall include:
  - i) **Donning** procedure;
  - ii) **"Cold start"** procedures, where required (refer to Guidance Note 1 - mandatory);
  - iii) Changeover procedures (where required at underground change-over stations).

#### 8.4.2 Visitors

The **COP** shall detail procedures that will ensure that all **visitors** are trained in the **donning** and use of **SCSRs** in accordance with accepted procedures but may exclude experiential training.

The **COP** shall stipulate that **visitors** shall be under direct supervision of a mine official at all time in areas where **SCSRs** are required.

### 8.5. Functional performance testing

The performance tests shall be conducted by an **ATA** as required by **MHSA** Regulation 16.

The **COP** shall set-out procedures to ensure that regular functional testing of a representative sample of the **SCSRs** deployed at the mine are carried out in accordance with **MHSA** Regulation 16.4 shall be done annually:

- (a) The representative sample for performance testing shall be at least 1% of each make and type of **SCSR** in this category. (e.g. the mine has a total of 2 500 **SCSRs**, say 800 Make A and 1 700 Make B. The 1% sample will comprise at least 8 Type A and 17 Type B).
- (b) The **ATA** may, at their discretion, and in consultation with the mine, recommend increasing temporarily the test sample size for the make / type / batch of **SCSRs** which have shown untoward behaviour during the monitoring programme or ongoing conformity assessment testing for that batch.

The mine shall ensure that the **ATA** is duly accredited to carry out these tests. Proof of such accreditation shall be kept by the mine.

### 8.6. Reporting and recordkeeping

- 8.6.1. Define requirements for the recording of information in terms of **MHSA** Regulation 16.4 for a minimum period of 24 months.

- 8.6.2. Stipulate procedures for the safe-keeping and use of reports and records issued by the testing authorities appointed in terms of **MHSA** Regulation 16.4.1 and 16.4.2 to provide the guidance necessary for reviewing and updating the mine's rescue and escape strategy and location of places of safety associated therewith.
- 8.6.3. Proof of batch test compliance shall be kept on record by the mine for all batches of **SCSRs** for the lifespan of the units, until all units in a specific batch are withdrawn from service permanently

## 8.7. Maintenance, incident management and disposal of **SCSRs**

- 8.7.1. Outline measures to ensure that visual inspection and maintenance procedures for **SCSRs** are in place together with regular lamp-room inspection routines including **SCSR** leak testing. Refer to Annexure B Guidance Note 2 - Leak testing (mandatory). Any visible defects as identified in the **OEM** specification that could affect the performance of the **SCSR** shall lead to the unit being withdrawn from service.
- 8.7.2. Indicate whether the maintenance of **SCSRs** deployed at the mine shall be done by the **OEM** or by duly competent mine **employees** formally accredited by the **OEM** and operating within technical procedures endorsed or generated by the **OEM**.
- 8.7.3. Outline precautionary measures and procedures to be followed when **SCSRs** are accidentally activated or malfunction or following an incident where **SCSRs** were activated during an **emergency**. These procedures should be devised to address different levels of incident investigations to be held by the employer jointly with the **OEM** and testing authority. Procedures shall also outline reporting requirements of these incidents to the **DMR**.
- 8.7.4. Considering the highly reactive nature of the oxygen-producing chemicals used in **SCSRs**, the **COP** shall detail adequate and safe disposal procedures for **SCSRs** that are withdrawn permanently from **deployment**.
- 8.7.5. Where **SCSRs** that are still within their ten-year operating life, are sold to a third party, the mine shall transfer the records relating to the units and respective batches sold to the new owner. Detailed records of such sales or transfers shall be kept by the original owner.
- 8.7.6. **SCSRs** that have become obsolete, that is units that are older than ten years from their date of manufacture, shall be withdrawn from service forthwith.

## 8.8. Instruction manual on the use of **SCSRs**

Relevant provisions of **OEM's** instruction and operating manuals for the type of **SCSRs** purchased are included in relevant standard operating procedures. These shall contain, but shall not be limited to the following:

- (a) General information.
- (b) Rated duration in accordance with **SANS 1737** certification.
- (c) Technical information.

- (d) Principles of operation.
- (e) Description of apparatus.
- (f) Conditions of use.
- (g) Estimated service life as stated by the **OEM**.
- (h) Risk assessment.
- (i) Training requirements and training materials.
- (j) Any basic inspection and maintenance procedures.
- (k) Recommended disposal procedures.



## PART D: IMPLEMENTATION

### 1. IMPLEMENTATION PLAN

- 1.1. The employer must prepare an implementation plan for its **COP** that makes provision for issues such as organizational structures, responsibilities of functionaries and programs and schedules for the **COP** that will enable proper implementation of the **COP**. (A summary of/and a reference to, a comprehensive implementation plan may be included).
- 1.2. Information may be graphically represented to facilitate easy interpretation of the data and to highlight trends for the purpose of risk assessment.
- 1.3. Enforcement and monitoring of the Guideline's implementation will be done in line with the audit program/s carried out by the **MHSI**.

### 2. COMPLIANCE WITH THE CODE OF PRACTICE

The employer must institute measures for monitoring and ensuring compliance with the **COP**.

### 3. ACCESS TO THE CODE OF PRACTICE AND RELATED DOCUMENTS

- 3.1. The employer must ensure that a complete **COP** and related documents are kept readily available at the mine for examination by any affected person (describe the process).
- 3.2. A registered trade union with members at the mine or where there is no such union, a health and safety representative on the mine, or if there is no health and safety representative, an employee representing the **employees** on the mine, must be provided with a copy of the written request to the manager. A register must be kept of such persons or institutions with copies to facilitate updating of such copies.
- 3.3. The employer must ensure that all **employees** are fully conversant with those sections of the COP relevant to their respective areas of responsibility.

**ANNEXURE 1:   Guidance Note 1 (mandatory)**  
**SCSR cold start** procedure generic notes on fires

This procedure shall be carried out if the unit's breathing bag does not inflate immediately after activating the starter.

In this case:

1.     Remove nose clip.
2.     Inhale from ambient atmosphere through nose.
3.     Exhale into mouth piece.
4.     Repeat above actions six times with a full breath each time.
5.     Refit nose clip.
6.     Breathe normally into the mouthpiece.

This procedure shall be included into the training procedures, where applicable.

**ANNEXURE 2: Guidance Note 2 (mandatory)**  
Leak testing (for lamp-rooms only)

The following criteria must be implemented:

- Leak testing must meet the requirements of **SANS 1737**.
- Leak test shall adhere to a series of physical performance and basic specifications.
- A benchmark must be set stipulating minimum pressure measurements and standard evacuation times.

Leak test parameters:

- For shallow mining (i.e. mines less than 500m in depth, e.g. coal mines)  
Test pressure = -70mbar or -7000Pa or -7kpa or -0.07bar
- For deep mining (i.e. mines deeper than 500m in depth, e.g. gold and some platinum mines)  
Test pressure = -200mbar or -20000Pa or -20kpa or -0.2bar

Leak test intervals should be indicated, based on risk assessment, but should be performed at least bi-annually.

## ALLOCATION FORM / HISTORY FOR SELF-CONTAINED SELF-RESCUERS (SCSRs)

[illegible]

**ANNEXURE 4: References**

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- f) Van Zyl, F.J. and Marx, W.2007.Review of Best Practices Regarding the Use of Refuge Chambers in South Africa. BBE Report No: 5207. Bluhm Burton Engineering (PTY) Ltd.
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## DEPARTMENT OF MINERAL RESOURCES

NO. 28

17 JANUARY 2020

**MINE HEALTH AND SAFETY ACT, 1996 (ACT NO 29 OF 1996)****GUIDELINE FOR THE COMPILATION OF A MANDATORY CODE OF PRACTICE FOR  
THE PREVENTION OF FLAMMABLE GAS AND COAL DUST EXPLOSIONS IN  
COLLIERIES**

I, **DAVID MSIZA**, Chief Inspector of Mines, under section 49(6) of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996) and after consultation with the Council, hereby issues the guideline of a mandatory code of practice for the prevention of flammable gas and coal dust explosions in collieries in terms of the Mine Health and Safety Act, as set out in the Schedule.



**D MSIZA**  
**CHIEF INSPECTOR OF MINES**

**SCHEDULE**



*Reference Number:* DMR 16/3/2/4-A7  
*Last Revision Date:* 26 July 2018  
*Date First Issued:* 01 February 2002  
*Effective Date:* 01 July 2020

**DEPARTMENT OF MINERAL RESOURCES**

**MINE HEALTH AND SAFETY INSPECTORATE**

**GUIDELINE FOR THE COMPILATION OF A  
MANDATORY CODE OF PRACTICE FOR**

**THE PREVENTION OF FLAMMABLE GAS AND  
COAL DUST EXPLOSIONS IN COLLIERIES**



**CHIEF INSPECTOR OF MINES**



**mineral resources**

Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

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## PART A: THE GUIDELINE

### 1. FOREWORD

#### 1.1. 2018 version of this guideline

- 1.1.1. Following a request from MOHAC, a tri-partite working committee was convened in 2017 to review the guideline for the compilation of a mandatory **COP** for the prevention of **flammable gas** and coal dust explosions in collieries. The brief of this working committee was to review and validate the 2002 guideline and, where necessary, to propose amendments that would align the new guideline with intervening developments in the technical sphere of gas and coal dust ignition prevention.

#### 1.2. 2002 version of this guideline

- 1.2.1. Throughout the history of coal mining, ignitions of **flammable gas** and coal dust have been major causes of death. Investigations following explosions have shaped the legislation for mines and have influenced the development of equipment and mining techniques. Despite improved standards of ventilation, technical developments and a greater awareness, ignitions are probably the most feared hazard underground. Most coal dust explosions are preceded by an ignition of **flammable gas**.
- 1.2.2. Due to the increased use of mechanical miners, which increases the risk of ignitions, the extent of the hazard has increased in recent years, since these machines open large areas of virgin ground in a short time period.
- 1.2.3. Following the Report of the Leon Commission of Inquiry into Safety and Health in the Mining Industry, MRAC appointed a task group to advise on measures to be taken to minimize the risk of **flammable gas** and coal dust ignition and/or explosions at collieries in South Africa. This guideline is a result of the work of that task group.
- 1.2.4. This guideline and the **COP** to which it refers, will deal with good ventilation practices and the prevention of ignitions and explosions of **flammable gas** as well as the inertisation of coal dust to prevent the ignition and/or propagation of coal dust explosions. This guideline is applicable to all coal mines. However, the measures to be taken for the prevention of coal dust explosions are only applicable to mines mining **bituminous coal**.

### 2. LEGAL STATUS OF GUIDELINES AND COPs

- 2.1. In accordance with section 9(2) of the **MHSA**, an employer must prepare and implement a mandatory **COP** on any matter affecting the health and safety of employees and other persons who may be directly affected by activities at the mine if the **CIOM** requires it. These **COPs** must comply with any relevant guidelines issued by the **CIOM** [section 9 (3)]. Failure by the employer to prepare or implement a **COP** in compliance with this guideline is a breach of the **MHSA**.

### 3. THE OBJECTIVE OF THIS GUIDELINE

- 3.1. The objective of this guideline is to assist the employer of every coal mine to compile a **COP**, which, if properly implemented and complied with, would considerably reduce the risk of an ignition of **flammable gas** and will ensure the inertisation of coal dust to prevent the ignition and/or propagation of a coal dust explosion.

### 4. DEFINITIONS AND ACRONYMS

In this guideline for a **COP** or any amendment thereof, unless the context otherwise indicates:

- 1) **“Abandoned area”** means an area where coal mining or stonework has, temporarily or permanently, been stopped but which has not been sealed off.
- 2) **“Accessible workings”** means all workings other than:
  - **Goafed** areas, the limits of which must be defined by the employer; and
  - Abandoned workings that have had all entrances barricaded off to prevent in advertent access.
- 3) **“Bituminous coal”** means coal in which the percentage by mass of volatile matter content calculated on a dry ash-free basis, exceeds 14%.
- 4) **“Booster fan”** means a fan that is designed to circulate air around a defined ventilation district of the mine in parallel or semi-parallel configuration with the surface fans.
- 5) **“CIOM”** means Chief Inspector of Mines.
- 6) **“Conductor”** means any metal object or cable that is connected to a source of electrical energy that has a potential to transmit electrical current.
- 7) **“Containment wall”** means a seal which is designed to withstand a static pressure of 140 kPa.
- 8) **“Continuous monitoring”** means continuous electronic monitoring or regular monitoring with handheld gas testing or other instruments.
- 9) **“Contraband”** means any device for the creation of any spark or flame and / or any pipe, cigar, cigarette or tobacco other than chewing tobacco, but excluding any device designed specifically for the intentional creation of a spark for the lighting of welding or cutting torches taken underground with the written permission of the employer.
- 10) **“COP”** means Code of Practice.
- 11) **“DMR”** means Department of Mineral Resources.

- 12) **"Explosion proof apparatus"** means electrical equipment, switchgear and reticulation systems that are flame-proof and distribution, control and communication systems that is intrinsically safe. Reference in this respect must be made to the use of such equipment in hazardous areas as defined under SANS 10108 and the SANS 60079 series of standards related to the use of equipment in hazardous atmospheres.
- 13) **"Explosion proof seal"** means a seal which is designed to withstand a static pressure of 400 kPa.
- 14) **"Explosive range"** means the range between Lower Explosive Limit and Upper Explosive Limit of a **flammable gas** [or a mixture thereof] which is determined by an appropriate methodology which is fit for purpose such as USBM triangle, Coward triangle, and/or Le Chatelier's rule.
- 15) **"Face area"** means an area within 180 m from the coal face being worked.
- 16) **"Flammable gas"** means either methane, hydrogen, hydrocarbons or a mixture of any of these gases.
- 17) **"Flammable gas warning device (SANS 1515 compliant)"** means a portable battery operated, continuous-duty device designed to give a clearly audible and a clearly visible alarm, should it be placed in an atmosphere containing a concentration of **flammable gas**, which equals or exceeds the set alarm level. The device may not have a facility allowing the user to turn the device off or to disable its operation in the working place and must be able to monitor and alarm even if the lamp, if fitted, is turned off.
- 18) **"Flammable gas measuring instrument"** means **flammable gas measuring instruments** and **flammable gas** warning devices and instruments which comply with the South African Bureau of Standards specification SANS 1515.
- 19) **"Float coal"** means coal dust consisting of particles of coal that can pass through a sieve having an aperture of 100 micrometres.
- 20) **"General atmosphere"** means any point outside a radius of 500mm away from the source if the velocity is more than 0.1m/s past the point of emission of **flammable gas**.
- 21) **"Goaf"** means the planned collapse of roof strata which normally occurs due to pillar extraction or high extraction rates.
- 22) **"Last through road"** means the closest access to the working faces between two companions, that carry a unidirectional flow of air from the intake to the return.
- 23) **"MHSA"** means Mine Health and Safety Act, 1996 (Act 29 of 1996) as amended.



- 24) “**Permanent walls**” means a robust airtight wall constructed of bricks and cement or similar materials.
- 25) “**SANAS**” means South African National Accreditation System.
- 26) “**Sealed area**” means an area which is isolated from the ventilation district with **containment walls** or **explosion proof seals** in accordance with this mandatory **COP**.
- 27) “**Simple apparatus**” means a device which does not generate more than 1.5 Volts, 100 mA and 25 mW as per SANS IEC: 1999 60079-11 as amended.
- 28) “**Specialist flammable gas measuring instrument**” means an intrinsically safe instrument that complies with the requirements of SANS 1515.

## 5. SCOPE

This guideline defines topics which need to be addressed in the **COP** to significantly reduce the risk of **flammable gas** or coal dust explosions in collieries. The aspects to be addressed include at least the following:

- (a) The significant risks associated with **flammable gas**.
- (b) Ventilation arrangements.
- (c) Ventilation methods.
- (d) Ventilation design.
- (e) Application of ventilation methods and design;
- (f) The significant risks associated with coal dust (spontaneous combustion and explosions).
- (g) Limiting the formation and dispersion of coal dust.
- (h) Inertisation of coal dust.
- (i) Application of barriers to prevent the propagation of explosions.
- (j) Control of **abandoned areas**.
- (k) Control of sealed-off areas.

This guideline supersedes previously issued directives and/or instructions by the **DMR** dealing with:

- (a) Mechanical Miner Ventilation.

- (b) Guideline for the compilation of a mandatory code of practice for the prevention of coal dust explosions in underground coal mines [GME 7/4/118-AC1].

## **6. MEMBERS OF THE TASK GROUP**

The members who were involved in the review of the latest version of this guideline were the following:

- N. Mokhonoana (State)
- P. Huma (State)
- G. Mthombeni (State)
- M. Biffi (Employer)
- I. Labuschagne (Employer)
- A. Thomson (Employer)
- E. Harvey (Employer)
- M. Grant (Organised Labour)
- A. Letshele (Organised Labour)

## PART B: AUTHOR'S GUIDE

1. The **COP** must, where possible, follow the sequence laid out in Part C: Format and content of the mandatory **COP**. The pages as well as the chapters and sections must be numbered to facilitate cross referencing.
2. Wording must be unambiguous and concise.
3. It should be indicated in the **COP** and on each annex to the **COP** whether:
  - 3.1. The annexure forms part of the **COP** and must be complied with or incorporated in the **COP** or whether aspects thereof must be complied with or incorporated in the **COP**; or
  - 3.2. The annexure is attached for consideration in the preparation of the **COP** (i.e. compliance is discretionary).
4. When annexures are used, the numbering should be preceded by the letter allocated to that annex and the numbering should start at one again. (E.g. 1,2,3,.....A1, A2, A3...)
5. Whenever possible illustrations, tables, graphs and the like, should be used to avoid long descriptions and/or explanations.
6. Relevant Safety in Mines Research Advisory Committee projects must also be considered when assessing risks. A list of relevant projects is included as Annexure F of the guideline. (Annexure F is attached for information)
7. When reference has been made in the text to publications or reports, these sources must be included in the text as footnotes or side notes as well as in a separate bibliography.

## PART C: FORMAT AND CONTENT OF THE COP

### 1. TITLE PAGE

The **COP** should have a title page reflecting at least the following:

- 1.1. Name of mine;
- 1.2. The heading of the **COP** (for example, mandatory **COP** for the prevention of **flammable gas** and coal dust explosions);
- 1.3. A statement to the effect that the **COP** was drawn up in accordance with guideline **DMR 16/3/2/4-A7** (cross referenced to **DMR 16/3/2/4-A5** and **DME 16/3/2/1-A1**) issued by the **CIOM**;
- 1.4. Other relevant guidelines' reference numbers and dates of issue;
- 1.5. The mine's reference number for the **COP**;
- 1.6. Effective date; and
- 1.7. Revision dates.

### 2. TABLE OF CONTENTS

The **COP** must have a comprehensive table of contents.

### 3. STATUS OF THE COP

Under this heading the **COP** must contain statements to the effect that:

- 3.1. The mandatory **COP** was drawn up in accordance with guideline **DMR 16/3/2/4-A7** (cross referenced to **DMR 16/3/2/4-A5** and **DME 16/3/2/1-A1**) issued by the **CIOM**;
- 3.2. This is a mandatory **COP** in terms of sections 9(2) and (3) of the **MHSA**;
- 3.3. The **COP** may be used in an accident investigation/inquiry to ascertain compliance and to establish whether the **COP** is effective and fit for purpose;
- 3.4. The **COP** supersedes all previous relevant **COPs**; and
- 3.5. All managerial instructions, recommended procedures (voluntary **COPs**) and standards on the relevant topics must comply with the **COP** and must be reviewed at least every five years to ensure compliance.

#### 4. MEMBERS OF THE DRAFTING COMMITTEE

- 4.1. In terms of section 9(4) of the **MHSA** the employer must consult with the health and safety committee on the preparation, implementation or revision of any **COP**. Refer to Annexure H for an example.
- 4.2. It is recommended that the employer should, after consultation with the employees in terms of the **MHSA**, appoint a committee responsible for the drafting of the **COP**.
- 4.3. The members of the drafting committee assisting the employer in drafting the **COP** must be listed giving their full names, designations, qualifications, affiliations and experience. The committee must include competent persons sufficient in number to effectively draft the **COP**.

#### 5. GENERAL INFORMATION

Relevant information relating to the mine must be stated in this paragraph. The following minimum information must be provided:

- 5.1 A brief description of the mine and its location;
- 5.2 The mining methods;
- 5.3 A brief description of the ventilation system used on the mine;
- 5.4 A determination of the **flammable gas** content of the coal seams being mined;
- 5.5 A determination of the **flammable gas** release rates of the coal being mined;
- 5.6 A history of the **flammable gas** and/or coal dust ignitions which have occurred on the mine;
- 5.7 A brief description of the systems used to relate to the prevention of coal dust explosions;
- 5.8 The volatile content of the coal;
- 5.9 The explosibility index of the coal; and
- 5.10 Other relevant **COPs**.

#### 6. TERMS AND DEFINITIONS

Any word, phrase or term of which the meaning is not clear or which will have a specific meaning assigned to it in the **COP**, it must be clearly defined. Existing and/or known definitions should be used as far as possible. The drafting committee should avoid jargon and abbreviations that are not in common use or that have not been defined. The definitions section should also include acronyms and technical terms used.

## 7. RISK MANAGEMENT

- 7.1. Section 11 of the **MHSA** requires the employer to identify hazards, assess the health and safety risks to which employees may be exposed while they are at work, record the significant hazards identified and risks assessed.
- 7.2. The **COP** must address how the significant risks identified in the risk assessment process must be dealt with, having regard to the requirements of section 11(2) and (3) that, as far as reasonably practicable, attempts should first be made to eliminate the risk, thereafter to control the risk at source, thereafter to minimise the risk and thereafter, insofar as the risk remains, to provide personal protective equipment and institute a programme to monitor the risk.
- 7.3. To assist the employer with risk assessment all possible relevant information such as accident statistics, research reports, manufacturer's specifications and approvals should be obtained and considered.
- 7.4. In addition to the periodic review required by section 11(4) of the **MHSA**, the **COP** must be reviewed and updated after every ignition or explosion of **flammable gas** or coal dust or if significant changes are introduced to procedures, mining and ventilation layouts, mining methods, equipment and material.
- 7.5. Relevant Safety in Mines Research Advisory Committee projects must also be considered when assessing risks (in this regard see Annexure F which is attached merely for information).

## 8. ASPECTS TO BE ADDRESSED IN THE COP

The **COP** must set out how the significant risks identified and assessed in terms of the risks assessment process referred to in paragraph 7.1 will be addressed. The **COP** must cover at least the aspect set out below unless there is no significant risk associated with that aspect at the mine. The **COP** must indicate who is responsible for undertaking each task and what should be achieved. See paragraph 1.1 of Part Failure by the employer to prepare or implement a **COP** in compliance with this guideline is a breach of **MHSA**.

### 8.1. Preventing the accumulation of an explosive concentration of flammable gas

To prevent an accumulation of an explosive concentration of **flammable gas**, the **COP** should cover at least the following:

#### 8.1.1. Ventilation of production sections

The ventilation layout for all production sections or changes in ventilation systems should include:

- 8.1.1.1. Listing of areas of the mine where **flammable gas** may be present;
- 8.1.1.2. Sequence of the ventilation related work and respective completion dates;

- 8.1.1.3. Mining sequence that complements the ventilation flow;
- 8.1.1.4. The required ventilation controls;
- 8.1.1.5. Air quantities, velocities and airflow patterns;
- 8.1.1.6. The approval thereof by the employer, or delegated manager or delegated competent person;
- 8.1.1.7. Special precautions where two or more sections are situated in the same ventilation district; and
- 8.1.1.8. Any other special measures to be adhered to such as holing into other areas and barrier pillars sizes.

8.1.2. Mining near or through dykes, burnt coal or geological discontinuities

When mining near or through dykes, burnt coal or geological discontinuities, the **COP** should describe special measures in addition to the requirements stipulated in 8.1.1, based on but not limited to the following aspects

- 8.1.2.1. The most appropriate mining methods (drilling and blasting or mechanical mining).
- 8.1.2.2. The availability of correct geological information.
- 8.1.2.3. The prevention of dangerous accumulations of **flammable gas**.
- 8.1.2.4. Adequate supervision.
- 8.1.2.5. Suitable monitoring and control of environmental conditions.

8.1.3. Secondary mining

When secondary mining i.e. top/bottom coaling or total extraction methods is applied, in addition to the requirements stipulated in 8.1.1, the **COP** should describe measures to ensure there is a system for the ventilation of **goafs** and bleeder roads.

8.1.4. Other areas

The **COP** should describe measures for the ventilation of underground dams, **abandoned areas**, accessible seals, workshops, substations, transformers, pump stations, staple pits, shaft bottoms, boxholes, underground and surface bunkers and ancillary workings, which conform to the requirements of 8.1.1.

8.1.5. Intake airways, return airways and belt roads

The **COP** should describe measures to ensure that:



- 8.1.5.1. Intake airways, return airways and belt roads remain unrestricted, accessible and that safe roof and side wall conditions prevail; and
- 8.1.5.2. Adequate air velocities will prevent the accumulation of dangerous gases while preventing dust from becoming airborne.

8.1.6. Main fans

The **COP** should describe measures to ensure that:

- 8.1.6.1. Records shall be kept of the operation, monitoring, maintenance and inspection of main and **booster fans**; and
- 8.1.6.2. The health and safety of persons who may be affected by the unplanned stoppage of main and **booster fans**.

8.1.7. Barometric pressure

The **COP** should describe measures to:

- 8.1.7.1. Ensure the monitoring and recording of the fluctuations in the barometric pressure; and
- 8.1.7.2. Be taken to reduce the significant risks associated with such fluctuations.

8.1.8. Abandoned areas

The **COP** should describe measures to ensure that:

- 8.1.8.1. **Abandoned areas** remain ventilated to prevent a build-up of an explosive concentration of **flammable gas**, or are sealed off;
- 8.1.8.2. When **abandoned areas** are being sealed off; the sealing process is in accordance with accepted procedures; ventilation rates are maintained at prescribed levels; stone dust is applied in accordance with the **COP** and the presence of any **flammable gas** is monitored continuously until final sealing has been completed;
- 8.1.8.3. Prior to an abandoned area being sealed off, electrical **conductors**, earthing and bonding of electrical equipment and accumulations of coal, shall be removed and any borehole sealed off (rehabilitated). Record of these actions shall be kept until mine closure;
- 8.1.8.4. Working conditions for employees working near **abandoned areas** are safe; and
- 8.1.8.5. The monitoring of the atmosphere within the abandoned area is done according to the risk assessment.

#### 8.1.9. Sealed areas

The **COP** should set out measures to ensure:

- 8.1.9.1. That **containment walls** built for containment of **flammable gas** are provided with the means for the monitoring of the atmosphere behind such walls;
- 8.1.9.2. The risk posed by walls/seals built before the coming into effect of this guideline in 2002 is addressed;
- 8.1.9.3. That **explosion proof seals** are used where the atmosphere of **sealed areas** stabilises within the **explosive range**; and
- 8.1.9.4. Safe working conditions for employees working near **sealed areas**.

#### 8.1.10. Opening of sealed areas

The **COP** should set out a procedure for the reopening of **sealed areas**.

#### 8.1.11. Stoppage, change or reversal in ventilation

The **COP** should set out a procedure to be followed in the event of a stoppage, noticeable change or reversal in the ventilation. This procedure should include the safe return of persons to the working place after restoration of the ventilation.

### 8.2. Providing for the early detection of flammable gas

*Refer to applicable and relevant sections of Annexure 1: Guidance note for lamproom practice (for information purposes only).*

The **COP** should set out a procedure for the early detection of **flammable gas** covering at least:

- 8.2.1. An appropriate gas testing and gas monitoring strategy including the type/s of instruments to be used;
- 8.2.2. That employees are competent to test for **flammable gasses** and dangerous accumulations of any explosive mixture of **flammable gasses** in accordance with Section 10 (2)(c);
- 8.2.3. The maintenance, calibration and record keeping in respect of gas testing instruments and gas monitoring systems;
- 8.2.4. Details of any user's pre-use tests and checks of the **flammable gas** warning devices and measuring instruments, including on-board monitoring devices, in accordance with a procedure drawn up by the employer;

- 8.2.5. Testing for the presence of **flammable gas** or dangerous accumulations of any explosive mixtures of **flammable gasses**, identify the frequency, the responsible persons and localities for such testing;
- 8.2.6. Steps to be followed whenever **flammable gas** is detected and for the clearance thereof;
- 8.2.7. The determination of sufficient numbers of gas detection instruments;
- 8.2.8. The compliance of all **specialist flammable gas measuring instruments** used for the detection and measurements of **flammable gasses** with the **OEM** specification;
- 8.2.9. Recording and reporting of **flammable gas** intersections above specified legal limits;
- 8.2.10. Addressing any unexpected increase in **flammable gas** emissions and by allocating requisite mitigating actions to competent persons; and
- 8.2.11. The mine ventilation and rescue plan indicating all known **flammable gas** sources.

### 8.3. Preventing the ignition of flammable gas

*Refer to Annexure 2: The guidance note for the prevention of **flammable gas** and coal dust explosions in collieries (for information purposes only)*

The **COP** should set out measures to ensure that the ignition of **flammable gas** is prevented, covering at least the following:

- 8.3.1. The method, frequency and procedure for the examination and changing of cutter picks.
- 8.3.2. The provision of a continuous flow rate of water and adequate pressure of water supply to mechanical miners.
- 8.3.3. Control measures to minimise the risk of ignitions from occurring, during **goafing** considering both partial or total extraction.
- 8.3.4. Control measures to prevent **flammable gas** ignitions, that includes operator pre-use checks, operational checks, maintenance programmes, and any other means of preventing a frictional ignition for mechanical miners.
- 8.3.5. Preventing that the use of electricity or electrical equipment does not create the risk of igniting **flammable gas** by including procedures covering the following:
  - 8.3.5.1 The use of explosion protected apparatus wherever required in defined hazardous areas (as defined in SANS 1018);
  - 8.3.5.2 Identification of electrical equipment that poses a significant risk and definition of measures to deal with that risk;

- 8.3.5.3 The interlocking of on board scrubber fans and other electrical equipment used within relevant areas;
- 8.3.5.4 The positioning of switchgear with respect to prevalent air flow;
- 8.3.5.5 The performing of **flammable gas** tests before starting or stopping electrical equipment; and
- 8.3.5.6 The restoration of electrical power after a power failure e.g. no automatic re-starting of fans, safety precautions necessary to prevent a **flammable gas** ignition, the level of supervision for each activity.
- 8.3.6 Where lightning could ignite **flammable gas**, compliance with SANS 10313 Specifications must be considered.
- 8.3.7 Where spontaneous combustion could ignite **flammable gas**, measures for the inspection of all work areas and monitoring of **abandoned areas** and atmospheres behind **containment walls** must be stipulated.
- 8.3.8 Where explosives are used, these do not create an additional risk of igniting **flammable gas**.
- 8.3.9 Prevention of **contraband** from being taken underground.
- 8.3.10 Prevention of **flammable gas** ignitions when using any welding, flame cutting, flame heating, grinding, vulcanising, soldering, pick sharpening, electronic instrumentation and photography video or audio taping, etc. Measures shall include the following:
  - 8.3.10.1 The training of competent persons to perform such work;
  - 8.3.10.2 Issuing and control of flint lighters;
  - 8.3.10.3 The construction, ventilation, physical characteristics and orderly maintenance of the workshop and cutting bays so that work can be performed in a safe and healthy manner;
  - 8.3.10.4 Precautions to be taken when working outside approved workshops or cutting bays;
  - 8.3.10.5 The ventilation, inertisation, fire prevention and the gas testing procedure before, during and on completion of such work;
  - 8.3.10.6 The precautions and devices utilized to quench flashback and to prevent back feeding of gas;
  - 8.3.10.7 The proper transport, storage and use of gas cylinders and flammable liquid containers; and
  - 8.3.10.8 The issuing, safekeeping and examination of both equipment and devices used.

- 8.3.11 Prevention of holing excavations into any adjacent area which may contain an accumulation of **flammable gas**.
- 8.3.12 Measures to prevent ingress, and ignition of high-pressure **flammable gas** into existing.
- 8.3.13 Identification of the potential sources of static electricity and of details related to the prevention and control measures.

#### 8.4. Reporting of flammable gas

The **COP** should set out a procedure to ensure that **flammable gas** intersections are reported. The internal and official reports should describe the recorded presence of any **flammable gas** concentration exceeding one comma four parts per hundred by volume in the **general atmosphere** or any ignition of **flammable gas** as per **MHSA** Regulation 23.4 (g).

#### 8.5. Clearance of flammable gas

Refer to Annexure B: The Guidance Note for the Prevention of **Flammable Gas** and Coal Dust Explosions in Collieries

The **COP** should set out a procedure to ensure that the clearance of **flammable gas** accumulations, including roof layers, is done safely addressing at least the following:

- 8.5.1. The dilution, removal and dispersion of **flammable gas**, including roof layering;
- 8.5.2. Isolating electricity; and
- 8.5.3. Withdrawal of employees.

#### 8.6. Limiting the formation and dispersion of coal dust

Refer to Annexure B: The Guidance Note for the Prevention of **Flammable Gas** and Coal Dust Explosions in Collieries

The **COP** should set out measures for the limiting of the formation and dispersion of coal dust covering at least the following:

- 8.6.1. Limiting of formation of coal dust at coal mining faces, conveyor belts and transfer points, tramming and travelling routes and any other identified high-risk areas. Such measures must stipulate the design specifications of such dust suppression systems that will be in use on each coal winning or transporting machinery.

**Note:** Such measures should comply with Section 21 of the **MHSA**.

- 8.6.2. The regular clean-up and removal of coal accumulations in **face areas** before stone dust applications, as well as along conveyor belt roads and travelling roads, at

transfer points, in return airways, on equipment and at any other identified high-risk areas (e.g. decommissioned production panels).

#### **8.7. Inertisation of coal dust**

*Refer to Annexure C: Stone Dust Inertisation Standard, Compliance Sampling and Analysis of Samples*

The **COP** should set out measures that will ensure compliance with requirements relating to effective achievement of coal dust inertisation at least as set out in Annexure C which include:

- 8.7.1. Inertisation of coal dust by using water;
- 8.7.2. Inertisation of coal dust by the application of stone dust;
- 8.7.3. The extent of stone dust application;
- 8.7.4. Estimating qualitatively the degree of in-situ inertisation achieved; and
- 8.7.5. Frequency for the application of stone dust.

#### **8.8. Compliance with requirements relating to sampling and analysis of samples**

The **COP** should set out measures to ensure that compliance with requirements relating to sampling and analysis of stone-dust samples is achieved covering at least the content as set out in Annexure C.

#### **8.9. Compliance with requirements relating to the design of barriers to prevent the propagation of coal dust explosions**

The **COP** should set out measures to ensure that compliance with requirements relating to the design of explosion propagation barriers to prevent the spread of coal dust explosions is achieved based on at least the contents of Annexure D.

#### **8.10. Explosions in pit, tank, vessel, container or chamber likely to contain noxious or flammable fumes or gases or an atmosphere deficient in oxygen**

The **COP** should set out measures to prevent the accumulation and ignition of **flammable gas** and/or explosive mixtures in confined spaces on surface such as beneficiation plants, silo's, containers and bunkers must be stipulated.

## **PART D: IMPLEMENTATION**

### **1. IMPLEMENTATION PLAN**

- 1.1. The employer must prepare an implementation plan for the **COP** that makes provision for issues such as organizational structures, responsibilities of functionaries and programmes and schedules for the **COP** that will enable proper implementation of the **COP**. (A summary of, and a reference to, a comprehensive implementation plan may be included.).
- 1.2. Information may be represented graphically to facilitate easy interpretation of the data and to highlight trends for risk assessment.

### **2. COMPLIANCE WITH THIS COP**

- 2.1. The employer must institute measures for monitoring and ensuring compliance with the **COP**.

### **3. ACCESS TO THIS COP AND RELATED DOCUMENTS**

- 3.1. The employer must ensure that a complete **COP** and related documents are kept readily available at the mine for examination by any affected person.
- 3.2. A registered trade union with members at the mine, or where there is no such union, a health and safety representative on the mine, or if there is no health and safety representative, an employee representing the employees on the mine, must be provided with a copy of a written request to the employer. A register must be kept of such persons or institutions with copies to facilitate updating of such copies.
- 3.3. The employer must ensure that all employees are fully conversant with those sections of the **COP** relevant to their respective areas of responsibility.



**ANNEXURE 1: Guidance Note for lamproom practice**

**DEPARTMENT: MINERALS AND ENERGY**  
Minerals and Energy for Development and Prosperity  
Mine Health and Safety Inspectorate

**GUIDANCE NOTE  
FOR  
LAMPROOM PRACTICE**

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke, positioned above a horizontal line.

**CHIEF INSPECTOR OF MINES**

*Date first issued: .....*

*Effective date: .....*

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## 1. INTRODUCTION

These guidance notes have been primarily prepared to assist the employer in ensuring that gas detection instrumentation, self-contained self-rescuers and portable lamps are in proper working order prior to going on shift.

## 2. LEGAL STATUS

- 2.1. This guidance note has been compiled to assist employers in preparing a Code of Practice for Lamproom Practice.
- 2.2. A guidance note sets out good practice and will be widely distributed by the Mine Health and Safety Inspectorate within the industry. As is the case with all other documents setting out accepted good practice, the application of inferior practices without justification could amount to negligence.

## 3. DEFINITIONS

- 3.1. **“Equipment”** means gas detection instrumentation, self-contained self-rescuers and portable lamps.

### 3.2. Gas detection Instrumentation

- 3.2.1. **“Flammable gas measuring instruments and flammable gas warning devices”** means only those instruments and devices which comply with the South African Bureau of Standards specification SANS 401515.1515
- 3.2.2. **“Carbon monoxide warning devices”** means only those devices which are battery operated portable personal units, capable of continuously sensing and able to give either a clearly audible or a clearly visible warning or both a clearly audible and a clearly visible warning should they be used in an atmosphere containing 100 ppm or more of carbon monoxide.
- 3.3. **“Self-contained self-rescuers”** means body-worn device, which complies with the South African Bureau of Standards specification SANS 401737.1737
- 3.4. **“OEM”** means original equipment manufacturer.

## 4. COMPETENT PERSON

### 4.1. Appointment

The Manager shall appoint a competent person who shall have successfully completed a training programme drawn up by the manager, and clearly define all his duties and responsibilities in writing.

## 4.2. Training

- i. The Manager, in consultation with the OEM of the equipment in use on the mine, shall draw up a mine specific training programme.
- ii. Refresher courses to be conducted annually and retraining done in the event of any change in specification of any equipment.

## 5. CERTIFICATION OF SPECIFICATION COMPLIANT

### 5.1. Gas detection instrumentation

The following is recommended for all specification compliant equipment in the lamproom:

#### 5.1.1. Flammable gas

Copies of the SANS 1515-1 test certificates and the list showing the relevant serial numbers of all specification compliant instruments and devices in use should be displayed in the lamproom.

#### 5.1.2. Carbon monoxide

Copies of the SANS 1515-3 test report for explosion protection for all battery powered portable personal warning devices in use shall be displayed in the lamproom.

### 5.2. Self-contained self-rescuers (SCSRs)

Copies of SANS 1737 batch test certificates for units purchased after 1 September 2002 of all makes of SCSR in use on the mine should be displayed in the lamproom.

### 5.3. Portable lamps

Copies of all schedules giving full details and specifications of all portable lamps in use, on the mine shall be displayed in the lamproom.

## 6. ALLOCATION OF EQUIPMENT IN COMPLIANCE WITH SABS SPECIFICATIONS

### 6.1. Gas detection instrumentation

#### 6.1.1. Flammable gas

Every designated person who is required to conduct tests or monitor for **flammable gas** is to be allocated a personal **flammable gas measuring instrument** or a personal **flammable gas** warning device as the case may be.

#### 6.1.2. Carbon monoxide

Every designated person who is required to monitor carbon monoxide is to be allocated a personal carbon monoxide warning device.

#### 6.1.3. Sensor for oxygen deficiency (please suggest a description for other gases).

### 6.2. Self-contained self-rescuers

Every person who is required to be equipped with a self-contained self-rescuer under Regulation 16 of the MHS Act No. 29 of 1996 shall be allocated such for their sole use.

## 7. STORAGE OF EQUIPMENT

- (i) Equipment should be stored in accordance with OEM recommendations.
- (ii) Storage area to be clean, oil free, free of silicone-based cleaners, well ventilated and well illuminated.
- (iii) Due to the nature of the reactive chemicals contained in SCSRs, any unit which has been activated, vandalised, damaged, or which has failed the routine inspection including redundant units, should be immediately withdrawn from service and sealed in an impervious plastic bag and kept in an area away from other equipment. For safe disposal of these particular units it is recommended that they be returned to the OEM concerned.

## 8. EQUIPMENT CONTROL

### 8.1. Checking/testing

- (i) The appointed competent persons shall test and check equipment in accordance with a procedure drawn up by the manager in consultation with the OEM to verify that the equipment is in proper working order prior to each shift.
- (ii) With regard to SCSRs a special monitoring test programme by an approved testing authority should be implemented in accordance with Regulation 16.4 (1) of the Mine Health and Safety Act (Act 26 of 1996)

### 8.2. Calibration of portable gas detection instruments

Calibration of portable instruments should be done in accordance with a procedure drawn up by the employer in consultation with the OEM.

### 8.3. General maintenance

#### 8.3.1. Gas detection instrumentation and portable lamps

- (i) Separate rooms for gas detection instrumentation and portable lamps should be dedicated for maintenance purposes.

- (ii) Portable lamp repairs may be effected by the appointed competent person but in the case of gas detection instrumentation only the OEM or their accredited authorities may carry out any repair.

#### 8.3.2. Self-contained self-rescuers

Repairs and/or refurbishment shall be effected only by the OEM or by their accredited authorities.

#### 8.4. Battery charging programme (gas detection instrumentation and portable lamps)

Batteries are to be charged in accordance with a procedure drawn up by the manager in consultation with the OEM.

#### 8.5. Records

- (i) A record shall be kept for a period of 12 months in the lamproom of specific persons to whom equipment are issued in order that the user can at any time be identified from the records.
- (ii) With regard to SCSRs a comprehensive record system should be implemented in accordance with Regulation 16.4(2) of the Mine Health and Safety Act (Act 26 of 1996).
- (iii) In the case of gas detection instrumentation records of individual instruments and devices showing a history of testing, calibration and maintenance, shall be kept.

### 9. REPORTING

- (i) The lampsman shall on a monthly basis report in writing to the Manager on all matters pertaining to the control of equipment.
- (ii) Copies of these reports shall be kept for a period of one year.

### 10. COMPLIANCE TESTS

Tests and checks of equipment shall be made by the designated user in accordance with a procedure drawn up by the manager. A means of acknowledgement by the designated user shall be instituted to verify that such tests and checks have been conducted prior to going on shift and recorded.

**ANNEXURE 2: Guidance Note for the prevention of flammable gas and coaldust explosions in collieries**



**DEPARTMENT: MINERALS AND ENERGY**

Minerals and Energy for Development and Prosperity  
Mine Health and Safety Inspectorate

**GUIDANCE NOTE FOR  
THE PREVENTION OF FLAMMABLE GAS AND COALDUST  
EXPLOSIONS IN COLLIERIES**

  
**CHIEF INSPECTOR OF MINES**

*Date first issued: .....*

*Effective date: .....*



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## 1. INTRODUCTION

The introduction of mechanical miners on a large scale in South African Coal Mines has highlighted the need for improved methods of environmental protection to ensure safe and healthy working conditions.

When using this type of rapid advance modern coal winning equipment, a particular concern is the generation of large quantities of coal dust and **flammable gas**. Recent research has also highlighted the dangers of the lowering of the lower explosion limit when hybrid mixtures (coal dust and **flammable gas**) exist.

These guidance notes have been primarily prepared to assist the employers in complying with the requirements of the guideline for the compilation of a mandatory Code of Practice for the prevention of **flammable gas** and coal dust explosions in collieries.

## 2. LEGAL STATUS OF THE GUIDANCE NOTE

- 2.1. This guidance note has been compiled to assist employers in preparing a mandatory Code of Practice for the Prevention of **Flammable gas** and Coal Dust Explosions in Collieries.
- 2.2. A guidance note sets out good practice and will be widely distributed by the Mine Health and Safety Inspectorate within the industry. As is the case with all other documents setting out accepted good practice, the application of inferior practices without justification could amount to negligence.

## 3. DESIGN OBJECTIVES

- 3.1. Only criteria based on empirical and proven scientific design applications should be considered.
- 3.2. Dust should be effectively controlled where generated, and not be permitted to escape from the heading uncontrolled and untreated so as to exceed acceptable levels.
- 3.3. **Flammable gas** should be diluted to acceptable levels by providing sufficient fresh air.

### DEFINITION:

#### Acceptable Levels

#### Dust Concentration (for less than 5% quartz content)

Personal sampling - a respirable eight-hour TWA concentration of less than **2 mg/m<sup>3</sup>** as per airborne pollutant sampling programme

## Acceptable levels

### Flammable gas concentration

A **flammable gas** concentration of less than 1,4%.

### Last through road

The **last through road** in a coal mine will constitute the closest holing to the working faces between two companions, which carry a unidirectional flow of air from the intake to the return of the section.

### Recirculation

When any amount of air which has been delivered by a particular ventilation system, ventilating a heading, re-enters the inlet of that system.

### Return air

Air which has scrubbed the face of a heading.

## 4. PREVENTING THE ACCUMULATION OF AN EXPLOSIVE CONCENTRATION OF FLAMMABLE GAS

### 4.1. Ventilation system

#### 4.1.1. Primary ventilation

The purpose of primary (general section) ventilation is to ensure that ventilation systems are in place to ensure that sufficient air reaches the **last through road**/longwall or shortwall face to prevent the possibility of secondary ventilation systems recirculating.

To achieve this objective, the following is required:

##### 4.1.1.1. Mechanical miner sections

- 4.1.1.1.1. The average air velocity in the **last through road** should be at least 1 m/s, with a minimum velocity not less than 0,6 m/s.
- 4.1.1.1.2. Relative to the heading where the machine is cutting, a minimum velocity of 1 m/s should be maintained in the split that is upstream with regard to the ventilation flow.
- 4.1.1.1.3. The auxiliary force fan should not recirculate and should be so positioned to discharge fresh air directly on to the working face.

- 4.1.1.1.4. Sufficient air flow shall be provided to ensure compliance with specified gas and dust concentrations.
- 4.1.1.2. Conventional drill and blast sections
  - 4.1.1.2.1. The average air velocity in the **last through road**, measured in each split, should be at least 0,6 m/s.
  - 4.1.1.2.2. The auxiliary force fan should not recirculate and should be so positioned to discharge fresh air directly on to the working face.
  - 4.1.1.2.3. Sufficient air flow shall be provided to ensure compliance with specified gas and dust concentrations.
- 4.1.1.3. Longwall and shortwall sections
  - 4.1.1.3.1. The average air velocity measured along the face should be at least 1 m/s.
  - 4.1.1.3.2. Sufficient air flow shall be provided to ensure compliance with specified gas and dust concentrations.

#### 4.1.2. Secondary ventilation

Secondary ventilation may be defined as the air moving mechanisms (auxiliary fans, spray fans and dust scrubber fans) being utilised in a coal winning heading or face. It is in this working place where all three ingredients required for an explosion (fuel, source of ignition and oxygen) may be present, and hence it is this part of the section into which effective ventilation should be directed.

Of the three ingredients only one is required to be removed from the equation to prevent an explosion from occurring. This is achieved by efficient ventilation systems.

To satisfy the objectives mentioned above, the secondary ventilation system in mechanical miner sections should aim:

- 4.1.2.1 At diluting the **flammable gas** and the dust generated to acceptable levels.
- 4.1.2.2 At rendering the **flammable gas** and dust generated harmless and to remove them in a controlled manner.
- 4.1.2.3 At capturing the dust and convey it to a cleaning mechanism.

The system which is employed should ensure that acceptable levels (dust and **flammable gas**) are maintained in the heading at all times.

**On board force system e.g. spray fans and on board or off board dust scrubber units should be in operation prior to the commencement of any mining with a mechanical miner.**

The secondary ventilation auxiliary fan e.g. force or exhaust fans should be in place prior to the commencement of any mining. These systems should be put into operation once the heading has advanced a distance of 12 m from the **last through road**.

Mining should immediately cease should any of the above requirements not be complied with.

Dust scrubber units are to be designed to ensure a minimum airflow of 0.4 m/s past the operator's position. Maximum recirculation factor of 50% is permitted for on board scrubbers.

NB: It is imperative to ensure that delivered fresh air from the **last through road** scrubs the working **face area**.

All non-coal winning headings in an advancing section should be positively ventilated so as to ensure that **flammable gas** does not accumulate.

## 5. PREVENTING THE IGNITION OF FLAMMABLE GAS

The management of a mechanical miner's section should be of such a nature that the prevention of an explosion should have priority over production requirements.

In order to accomplish the above mentioned requirement, the following should be addressed:

### 5.1. Examination and making safe

At the commencement of each shift and at specified intervals during the shift the competent person should:

- 5.1.1. Determine and record the **last through road**/face velocities, the operation status of the secondary ventilation system, any relevant distances to the face and whether all headings are being ventilated as per the code of practice.
- 5.1.2. Record and sign for all **flammable gas** measurements taken at specified intervals during the shift.

No mining is to commence or continue should the section not be ventilated as per the code of practice.

### 5.2. Pre-operational checks

All face machinery is to be inspected, prior to the commencement of every shift, according to an official check list authorised by the employer. The results of these inspections are to be recorded and signed for by the authorised competent person immediately after the completion of such inspection. This checklist is to include inter-alia:

- Flameproof enclosures

- Pick condition
- Condition of water spray nozzles
- Adequacy of the water supply to the mechanical miner
- Continuous **flammable gas** detecting device
- Trailing cable condition
- Dust scrubber system condition
- Condition of dust suppression system at tip

No mining may commence prior to the completion of such inspections and no sub-standard machine may be utilised.

### 5.3. Safeguards

#### 5.3.1. Monitoring

The **last through road**/face velocity is to be monitored. Should a situation occur, where the velocity does not comply with the code of practice, no further mining should proceed until the situation is rectified.

#### 5.3.2. Electrical interlocks

5.3.2.1. The **automatic isolation of the electrical power to the cutting drum** of the mechanical miner should be made possible should any one of the following occur:

5.3.2.1.1. **Flammable gas** be detected in an amount in excess of the legislated maximum.

5.3.2.1.2. The water supply to the mechanical miner be adversely affected.

5.3.2.1.3. Any component of the secondary ventilation system ceases to operate

### 5.4. Water sprays

Water through a system of sprays should be directed effectively onto the face whilst cutting to allay the dust, and to direct air onto the cutting zone.

### 5.5. Ventilation planning

A formal system of ventilation planning should be established whereby any change from standard ventilation arrangements should be set out in advance and be approved by the appointed manager after consultation with the section 12.1 of the Mine Health and Safety Act (Act 26 of 1996) appointee.

A ventilation change over should be properly and sequentially controlled. Production should not commence unless authorisation to do so has been obtained from the appointed manager, after consultation with the section 12.1 of the Mine Health and Safety Act (Act 26 of 1996) appointee who has ascertained the prevailing conditions in the section.

NB: No alterations to ventilation system should be allowed unless authorized by the manager in consultation with the section 12.1 of the Mine Health and Safety Act (Act 26 of 1996) appointee.

#### 5.6. Change in production arrangements

No unauthorised change in the approved mining layouts/sequence is to be permitted. Only the appointed manager, after consultation with the section 12.1 of the Mine Health and Safety Act (Act 26 of 1996) appointee, may authorise such change.

#### 5.7. Mining sequence

The mining sequence is to be so planned so as to complement environmental control conditions.

#### 5.8. Burnt coal and geological anomalies

Mining with a mechanical miner in burnt coal is not to be permitted unless the mechanical miner is equipped with a system that will prevent frictional ignition. The precautions to be taken when approaching such areas should be well documented in the code of practice.

Special precautions should be stipulated to prevent any dangerous situation developing. This may include additional gas detection and or additional ventilation.

#### 5.9. Flammable gas emission rate

The **flammable gas** emission rate should be ascertained so as to assist in the design and planning of an effective ventilation system. Special precautions shall be instituted by the manager to maintain the concentration of **flammable gas** in the atmosphere to within acceptable limits.

#### 5.10. Continuous flammable gas detection devices

Continuous monitoring for **flammable gas** should be done in the heading being mined by the mechanical miner. (use of continuously operating devices)

This unit should effectively monitor the **flammable gas** concentration present and should be in compliance with the SANS 101515 specification.

#### 5.11. Maintenance

It is imperative that on-going maintenance throughout the shift be done and records be kept. This would inter-alia include the following:

5.11.1. Changing of blunt picks.

5.11.2. Installing picks where they are missing.



- 5.11.3. Rectifying defective flame proof enclosures.
- 5.11.4. Installing water spray nozzles where they are missing.
- 5.11.5. Ensuring that all sprays are in effective operation.
- 5.11.6. Replace/repair damaged ventilation ducting.
- 5.11.7. Cleaning of clogged dust filters/scrubbers.
- 5.11.8. Cleaning of water filters
- 5.11.9. Replace/repair leaking water hoses.
- 5.11.10. Updating secondary ventilation appliances.
- 5.11.11. Updating primary ventilation appliances.
- 5.11.12. Replacing suspect trailing cables.
- 5.11.13. Replacing defective **flammable gas** monitoring equipment.

## 6. COMPLIANCE TEST

This test is primarily instituted to assist the manager in determining, from the results, the effectiveness of the ventilation system employed as well as the efficacy of operation of the ventilation appliances installed.

To measure this efficiently one gravimetric dust (respirable) sample per day is required from each mechanical miner. The sampling is to be conducted on a full production shift.  
*Refer to the CM dust sampling directive*

**ANNEXURE 3: Stone dust inertisation standard, compliance sampling and analysis of samples**

*(This annexure must be complied with and incorporated in the COP)*

**1. STONE DUST SAMPLING PROGRAMS**

A sampling program that will ensure compliance with the requirements of incombustible matter content and the taking of samples must be set out as follows:

**1.1. Inertisation of coal dust****1.1.1. Degree of Inertisation**

In order to ensure adequate inertisation of coal dust, the **COP** must cover at least the following:

- 1.1.1.1. Inbye of the **face area**, intake airways must be maintained at a minimum percentage by mass of incombustible matter content of 80%;
- 1.1.1.2. Outbye the **face area**, intake airways must be maintained at a minimum of 65% incombustible matter content. Workshops, sub-stations, battery charging stations and other similar places where work is done or equipment is maintained, situated in intake air must nevertheless be maintained at a minimum of 80% incombustible matter content;
- 1.1.1.3. In return airways, a minimum percentage by mass of incombustible matter content of 80% must be maintained up to a minimum distance of 1000 m from the face. Beyond this distance, a minimum percentage by mass of incombustible matter content of 65% must be maintained. Where barriers are installed, the incombustible matter content by mass, outbye the **face area** and outbye of the barriers must be maintained at not less than 65%;
- 1.1.1.4. All accessible roads within a 250m radius from areas in the process of being sealed off, must contain a minimum percentage by mass of incombustible matter content of 80%;
- 1.1.1.5. In conveyor roads, a minimum percentage by mass of incombustible matter content of 80% must be maintained up to a minimum distance of 180m from the face. Beyond this distance, a minimum percentage by mass of incombustible content of 65%. The installation of stone dust/water barriers is mandatory; and
- 1.1.1.6. Before any area is sealed off, the roof, sides and floor, as far as reasonably practicable, must be stone dusted to ensure a minimum percentage by mass of incombustible matter content of 80%.

**1.1.2. Inertisation of coal dust by using water**

To ensure the inertisation of coal dust of using water the **COP** must cover at least the following:

- 1.1.2.1. The areas of the mine to be treated by this method;
  - 1.1.2.2. The method of applying water;
  - 1.1.2.3. The frequency of application;
  - 1.1.2.4. Methods for the determination that sufficient water has been applied; and
  - 1.1.2.5. Responsible persons to ensure that these requirements are adhered to.
- 1.1.3. Inertisation of coal dust by the application of stone dust

To ensure the inertisation of coal dust by the application of stone dust the **COP** must cover at least these measures to ensure that the suppliers of stone dust comply with the following minimum quality requirements:

- 1.1.3.1. Stone dust must preferably be pulverized limestone or dolomite and light in colour;
- 1.1.3.2. It contains not less than 95% by mass of incombustible matter, and with a density similar or equal to pulverised limestone;
- 1.1.3.3. It contains not more than 5% by mass of free silica, or any other toxic substance in concentrations detrimental to health;
- 1.1.3.4. It is of such fineness that, when dry, all will pass through a sieve of 600 micrometres aperture and at least 50% by mass through a sieve of 75 micrometres aperture;
- 1.1.3.5. Unless directly wetted by water, it does not cake and will readily disperse into the air;
- 1.1.3.6. Test each batch delivered and issue a certificate showing the results of these; and
- 1.1.3.7. Should any other incombustible dust be used, compliance with the ability to stop flame propagation of a coal dust explosion must be tested and approved for use at a **SANAS** accredited institution.

1.1.4. Extent of stone dust application

To ensure the correct extent of stone dust application the **COP** must cover at least the measures below to ensure that the underground workings of a **bituminous coal** mine are protected by the application of stone dust within 12m from all the working faces, unless such workings:

- 1.1.4.1. Are inaccessible, unsafe to enter; or
- 1.1.4.2. Extend to the face from and including the **last through road**, in which the coal dust is too wet to propagate an explosion during the cutting process.

### 1.1.5. Frequency for the application of stone dust

To ensure the correct frequency for the application of stone dust is adhered to, the **COP** must cover at least the following:

#### 1.1.5.1. Face area

Stone dust must be applied, and re-applied, as often as is necessary, to maintain the incombustible matter content by mass at a minimum of 80%. The frequency rate of application must not be less than once in every four production shifts, unless a risk assessment, which includes rates of deposition of **float coal**, or other sampling indicates otherwise. This also applies to roads within the **face area** including roads carrying return air.

#### 1.1.5.2. Pillar extraction operations

In pillar extraction operations, stone dust must be applied on a retreat basis at the same frequency rate as in paragraph 1.1.5.1 above.

#### 1.1.5.3. Total extraction operations

In total extraction operations, stone dust must be injected regularly into the mined areas before the occurrence of the initial **goaf**, so as to render inert the dust cloud that will be raised when it occurs.

#### 1.1.5.4. Return Airways

In both longwall and shortwall mining, stone dust must be introduced, during coal winning, into the return airways.

## 1.2. Compliance sampling

1.2.1. Samples must be systematically collected from the roads of all **accessible workings** of a colliery;

1.2.2. The workings of a colliery must be divided into the **face areas** and zoned back areas and these areas must be clearly demarcated on a plan;

1.2.3. The sample of the dust on the roof and sides must be taken separately from the sample of dust on the floor;

1.2.4. In the case of dust on the roof and sides the sample must be taken to a depth not exceeding 6 mm and in the case of dust on the floor to a depth not exceeding 25 mm;

1.2.5. Every sample taken must be representative of the whole surface of the roof and sides as well as the floor of the length of road being sampled and must be collected by a method of strip sampling by which the dust is collected from a succession of transverse strips, 100 mm wide and equally spaced not more than 5 m apart.

Intersections must be sampled diagonally across to include a sample from at least two pillar corners;

- 1.2.6. Where it appears that the roof and sides or the floor, as the case may be, are wet, the sample must nevertheless be collected. Excess water must be drained off by placing the sample on a 2 mm aperture sieve, for at least one minute; and
- 1.2.7. Areas where water has collected in pools on the floor, need not be sampled but must be recorded as such.

### 1.3. Sampling of face and back area

#### 1.3.1. Face area

- 1.3.1.1. Samples from **face areas** must be taken at intervals not exceeding 14 working days, or at lesser intervals, if so determined by risk assessment;
- 1.3.1.2. In the **face area**, a composite sample must consist of the combined material, collected from 5 equally spaced transverse strips (except where measurements are affected by diagonal sampling at intersections), over a measured distance of 20 m. The dust on the roof and sides must be taken separately from the samples of dust on the floor and the two sets of results reported separately;
- 1.3.1.3. A series of three composite samples must be collected from all return airways, the belt road, and at least one intake airway, over a distance not less than 60m length of roadway, commencing at a location approximately 15m from the face. Similarly, a series of composite samples must be collected over the full length of the **last through road**; and
- 1.3.1.4. In the case of either longwall or shortwall mining, a series of 5 composite samples must be collected from all gate roads over not less than 100m length of roadway, commencing at the face.

#### 1.3.2. Back area requirements

- 1.3.2.1. The workings of a colliery outbye of the **face area** must be divided into zones not exceeding 1 200m in length. These zones must further be divided into sub-zones, not exceeding 100m in length, from which representative samples must be taken at intervals not exceeding 30 days;
- 1.3.2.2. In the back area, a composite sample must consist of the combined material collected from 11 equally spaced transverse strips (except where measurements are affected by diagonal sampling at intersections) over a measured distance of 100m. Samples from the roof and sides should be treated separately from those obtained from the floor;
- 1.3.2.3. Samples from sub-zones must comprise of composite samples taken from at least one return airway, the belt road and one other intake airway; and

- 1.3.2.4. Sampling of zones must be scheduled so that each sub-zone is sampled at least once per year.

#### 1.4. Analysis samples

- 1.4.1. Samples must be analysed by either the colourimetric method or by a laboratory determination of mass of incombustible matter, or by both methods. Samples may also be analysed using a portable stone dust analyser. Only laboratories accredited by **SANAS** and analysers approved by a certification body accredited by **SANAS** may be used for laboratory determination.
- 1.4.2. Dust collected at a mine must without delay be processed and the incombustible matter content of the samples determined. Descriptions of the two methods are set out in 1.4.2.1 and 1.4.2.4. below.
- 1.4.2.1. Colourimetric method
- 1.4.2.1.1. Analysing of samples by using the colourimetric method can be done on surface or underground. In both cases the method described remains the same. For the underground option drying facilities and adequate lighting must be provided. This option evaluates the degree of inertisation in the shortest possible time, permitting immediate remedial action. (Moisture correction is not considered in this option);
- 1.4.2.1.2. The colour of a sample of dust must be compared with that of a scientifically prepared standard colour sample, known to contain eighty percent, or sixty five percent of incombustible matter content. When on such comparison, the colour of the sample is found to be the same colour or lighter than that of the standard sample, the incombustible matter content in the dust must be taken to comply with the prescribed percentage of the total incombustible matter content;
- 1.4.2.1.3. Any sample that appears to be below the prescribed ten percent of incombustible matter content must be analysed using the laboratory method described below; and
- 1.4.2.1.4. In addition to (c) above, at least 10 percent of the remaining samples must be analysed using the laboratory method.
- 1.4.2.2. A separate standard colour sample must be prepared for each geographical/working area of a mine in the following manner:
- 1.4.2.2.1. Grind some dry coal dust from the seam in each area for which the standard colour sample is being prepared so that it passes through a 250 micrometres sieve;
- 1.4.2.2.2. Determine the ash content of the sieved coal dust. The ash content must not exceed 20 percent by mass on a dry basis;
- 1.4.2.2.3. Pass through 250 micrometres sieve some dry-stone dust of the type used in the mine;

- 1.4.2.2.4. Weigh quantities of the sieved coal dust and sieved stone dust in proportions that will give the desired incombustible matter content i.e. 65% and 80%;
- 1.4.2.2.5. Mix the dust thoroughly by stirring, shaking or rolling but do not grind the mixture;
- 1.4.2.2.6. Using the approved laboratory method, determine the incombustible matter content of the mixture and verify that it is not less than the required;
- 1.4.2.2.7. Whenever there is change in the colour/reflectivity of the stone dust supplied to the mine, and whenever the colour of the coal seam changes distinctly, new standard samples must be prepared; and
- 1.4.2.2.8. At intervals of not more than three months, re-test the standard and keep a record of the results of these tests. If the standard has an incombustible matter content which is less than that required, replace the standard with a new one.
- 1.4.2.3. The procedure for the preparation and evaluation of collected dust samples is as follows:
  - 1.4.2.3.1. Split the sample and retain one half of the sample, if required, for laboratory analysis. Air-dry the portion to be compared if necessary. Sieve the sample through a 250 micrometres sieve and mix the sample thoroughly but do not grind it;
  - 1.4.2.3.2. Compare the colour of the mixed sieved sample with that of the standard colour sample. The comparison must be made under good and even illumination. When conditions permit, and if by choice, this comparison is done underground, it must take place at a designated site. The comparison must be done in a suitably designed light box. The person performing this duty must be trained to prepare the samples and to conduct the colourimetric test. Furthermore, his ability to distinguish between the colour ranges, must have been determined; and
  - 1.4.2.3.3. If any sample fails the comparison test, this must be reported without delay to the employer who must ensure that the area concerned is properly inertised timeously.
- 1.4.2.4. Laboratory method

Analysis of samples in a laboratory must be carried out by the following method or by other methods approved by the laboratory concerned.

  - 1.4.2.4.1. The residue of a weighed quantity of dust, after that quantity has been dried at a temperature not exceeding 140°C, and the loss of mass attributable to moisture ascertained, must be heated in an open vessel to a temperature not less than 480°C, and not more than 520°C, until the coal is completely burnt away. The incinerated residue must be weighed; and
  - 1.4.2.4.2. The sum of the masses of moisture and incinerated residue must be recorded as incombustible matter and be expressed as a percentage of the total mass of the dust; and 1.4.2.3 where samples were air dried before analysis by the laboratory method, a correction may be made to the incombustible matter content of the dust



sample analysed by laboratory method. The corrected total incombustible content is equal to  $M+I (100 - M/100)$  where M is the percentage loss of mass during air-drying and I is the percentage of total incombustible matter in the dust as determined by the method described in the preceding paragraph.

### **1.5. Keeping of records**

- 1.5.1. The certificates showing the quality of stone dust supplied to the mine must be retained for two years; and
- 1.5.2. A record of the stone dust sampling analysis must be kept for two years of the date, places sampled and results of the analysis of the mine dust sampling program. Failure of more than 20% of the number of samples of a given area is unacceptable and requires immediate remedial action. Resampling of the sub-standard area must be done after corrective action was taken and the records must be retained for two years.

**ANNEXURE 4: Design, installation, maintenance and monitoring of barriers to prevent the propagation of coal dust explosions**  
(This annexure must be complied with and incorporated in the COP)

**1. STONE DUST BARRIER**

**1.1. Construction of stone dust barriers**

Stone dust barriers referred to as the Polish design are constructed as detailed below:

- 1.1.1. Shelves consisting of loose, lightweight boards are placed on a frame, which is supported by suitable means. Frames must be installed horizontally in such a manner that the shelves will be readily displaced by the pressure wave;
- 1.1.2. The shelves must be installed as close as possible to the roof and sides, so that the apex of the stone dust on the shelf must be within 30cm, but not closer than 10cm, from the roof;
- 1.1.3. The height of the frame, supporting the boards, must be at least 20cm and the width must not be more than 30cm;
- 1.1.4. Lightly loaded shelves must be not more than 40cm wide with a load of approximately 30kg per meter of shelf length. (average pyramidal height of 14cm); and
- 1.1.5. Heavily loaded shelves must be not more than 50cm wide with a load of approximately 60kg per meter of shelf length. (average pyramidal height of 20cm).

**1.2. Types of stone dust barrier**

The two types of stone dust barriers are referred to as light and heavy.

**1.2.1. Light barriers**

Loading of 100kg of stone dust per square meter of roadway. Each shelf must carry 180kg. Spacing between each must be not nearer than 1,5m and not more than 2m apart.

**1.2.2. Heavy barriers**

Loading of 400kg of stone dust per square meter of roadway. Heavy barriers contain one-third light shelves (180kg) and two-thirds heavily loaded shelves. Shelves are to be spaced not closer than 1,5m and not more than 2m apart.

**1.3. Siting of stone dust barriers**

- 1.3.1. Conveyor belt road: A barrier must be provided in every production section in the road carrying a conveyor belt. Either a light barrier or a heavy barrier must be used;

- 1.3.2. Light barriers must be sited not closer than 80m and not further than 180m from the **last through road**;
- 1.3.3. Heavy barriers must be sited not closer than 120m and not further than 360m from the **last through road**;
- 1.3.4. Single entries: Every single entry must be protected with a barrier, in the same way as for conveyor roads; and
- 1.3.5. Return airways: Return airways must be protected by either elevated levels of incombustible matter i.e. a minimum of 80% incombustible matter content for the first 1 000m outbye of the face or by a light barrier, not closer than 80m and not further than 180m from the **last through road**. Outbye of the **face area**, the minimum incombustible matter could then be reduced to 65%.

## 2. WATER BARRIERS

### 2.1. The use of water barriers

- 2.1.1. The use of concentrated water barriers is an alternative to employing stone dust barriers or bagged stone dust barriers.
- 2.1.2. The minimum quantity of water must be 200 l/m<sup>2</sup> of cross sectional roadway area or 5 l/m<sup>2</sup> of roadway volume over the length of the barrier, whichever is the largest. The distance between the first and last row of troughs must be at least 20m but not more than 40m.
- 2.1.3. All troughs must be fitted with lids to prevent ingress of foreign material and minimise evaporation. Troughs and lids must be constructed from a material of such composition as to be readily shattered by the action of the pressure wave. The minimum quantity of water for large troughs (90 litres capacity) must be 80 litres and for small troughs (45 litres capacity) 40 litres. An indication must be provided to show the minimum water level in the trough.
- 2.1.4. Troughs should be placed with the longer sides of the trough at the right angles to the line of the roadway. Exceptionally, one trough in a group may be placed longitudinally. The design of troughs further requires that:
  - 2.1.4.1. The troughs remain serviceable for as long as possible under the effect of heat,
  - 2.1.4.2. The water contained in the troughs is released and dispersed under the effects of the dynamic blast pressure of the explosion;
  - 2.1.4.3. The trough material is flame resistant to a defined flame application. It must not continue to burn independently after removal of the flame;

- 2.1.4.4. The material must not allow any static electrical charge, capable of igniting mixtures of air and **flammable gas**, or firing electrical detonators, to build up or be discharged from the surface of the trough; and
- 2.1.4.5. The composition of the material in normal use will not have characteristics detrimental to health.
- 2.1.5. Troughs may be suspended from the roadway support or mounted on equipment within the roadway. The sides of any troughs inside or mounted on cross-members of frames must not have more than 5cm of their height covered by such cross-members.

Where troughs are mounted on equipment, a form of retaining lip must be provided which must be not less than 3cm.

- 2.1.6. With reference to the sketch below, the following is applicable when troughs are installed in a single layer:
  - 2.1.6.1. For roadways, up to 10 m<sup>2</sup>, X+Y+Z must cover at least 35% of W.
  - 2.1.6.2. For roadways up to 15 m<sup>2</sup>, X+Y+Z must cover at least 50% of W.
  - 2.1.6.3. For roadways in excess of 15 m<sup>2</sup> X+Y+Z must cover at least 65% of W.
  - 2.1.6.4. Distance of A or B or C or D must not exceed 1,2m.
  - 2.1.6.5. The total distance of A+B+C+D etc must not exceed 1,5m.
  - 2.1.6.6. Distance V1 must not be less than 0,8 m and must not exceed 2,6m.
  - 2.1.6.7. Distance V2 should not exceed 1,2m. Whenever this distance is exceeded, additional troughs must be placed above and they may be more than 2,6m above floor level, but there should not be more than 1,2m between the base of layers of troughs.
- 2.1.7. Where more than one layer of troughs is required the following will apply:
  - 2.1.7.1. When troughs are arranged in rows less than 1,2m apart, measured along the roadway, troughs in one row must not conceal troughs in the adjacent row from the blast effect.
  - 2.1.7.2. No trough must have any part sheltered from the effect of a blast wave by a rigid installation in the roadway.
  - 2.1.7.3. In circumstances where the dispersion of water over the cross-sectional area of the roadway might be obstructed by equipment, additional troughs must be installed to improve distribution.

## **2.2. Siting of water barriers**

### **2.2.1. Conveyor belt roads**

A barrier must be provided in every production section in the road carrying a conveyor belt. The barrier must not be sited closer than 120m and not further than 360m from the **last through road**.

### **2.2.2. Single Entries**

Every single entry must be protected with a barrier, sited as above.

### **2.2.3. Return Airways**

Unless the incombustible matter content by mass of the dust is maintained at a minimum of 80% up to 1 000m from the face, a barrier must be provided in each road carrying return air.

The barrier must be installed not closer than 120m and not more than 360m from the **last through road**.

## **3. BAGGED STONE DUST BARRIERS**

### **3.1. The use of bagged stone dust barriers**

The use of bagged stone dust barriers is an alternative to employing shelve (polish) stone dust barriers or water barriers.

### **3.2. Minimum requirements of bagged barriers**

3.2.1. Each plastic bag must contain either 5kg for low seams or 6kg for high seams of dry stone dust complying with the specifications specified previously.

3.2.2. The quality, hook and ring as well as the rupture characteristics of the plastic bags used in bagged stone dust barriers must comply with the specifications of the products tested at the GP Badenhorst research facility. Documentary evidence as to the source and quality at each batch of bags purchased must be kept at the mine.

3.2.3. **COPs** must detail how the bags are to be closed so as to exude water when bags are installed in barriers underground.

3.2.4. **COPs** must clearly specify how the bags are to be suspended below the roadway roof.

The system must ensure that the vertical distance between suspended bags and the roof, and the horizontal distance between bags and between the outer bags and sidewalls, are to be maintained at all times.

### 3.3. Construction of bagged stone dust barriers

The following requirements on the construction of a bagged stone dust barrier apply:

- 3.3.1. The horizontal distance between the hooks of the bags on a plane must be not less than 0,4m and not greater than 1m when measured across the roadway width.

The actual distances are determined by the total mass of stone dust that needs to be incorporated into a barrier which is itself determined by the roadway dimensions. To cover a range of workings heights, the following requirements apply:

- 3.3.1.1. For roads in the height range of less than 3,0m, each row must have a single level of bags suspended below the roof;
- 3.3.1.2. For roads in the height range 3m to 3,5m, each row must have a single level of bags suspended not more than 0,5m below the roof;
- 3.3.1.3. For roads in the height range 3,5m to 4,5m, each row must have two levels of bags suspended at approximately 3m and 4m above floor level;
- 3.3.1.4. For roads in the height range of more than 4,5m but less than 6m, each row must have three levels of bags suspended at approximately 3m, 4m and 5m above floor level;
- 3.3.1.5. The distance between the bags and the side of the pillar must not be nearer than 0,5m and not further than 1m.
- 3.3.1.6. The distance measured along the road between rows of bags within the barrier must be not less than 1,5m and not greater than 3m;
- 3.3.1.7. If MA is the mass of stone dust based on cross-sectional area and MV is the mass based on volume, then MA must be at least 100kg per square meter of cross-section area and MA must be at least 1kg of stone dust per cubic meter of roadway volume; and
- 3.3.1.8. The total mass of stone dust to be used in a barrier must be based on the greater of MA and MV.

### 3.4. Layout of the stone dust barrier

A full-bagged stone dust barrier must consist of four sub-barriers installed over a minimum distance of 100m of continuous roadway.

Three complete sub-barriers must be in position at all times, while the fourth sub-barrier may be in the process of being moved ahead as the section advances. The following distances must be maintained:

- 3.4.1. The first sub-barrier, closest to the last road, must not be installed closer than 60m and not further than 120m from the **last through road**;

- 3.4.2. The fourth sub-barrier, furthest from the **last through road**, must be installed not more than 120m from the first sub-barrier;
- 3.4.3. The two intermediate sub-barriers must be equidistant between the first and fourth sub-barriers;
- 3.4.4. The presence of splits must be ignored in determining distances; and
- 3.4.5. The maximum distance between sub-barriers must not exceed 30m.

### **3.5. Siting of bagged stone dust barriers**

#### **3.5.1. Conveyor belt roads**

An inertisation barrier must be provided in every production section in the road carrying a conveyor belt. The construction of the barrier will be based on the dimensions of the belt roads.

#### **3.5.2. Single entries**

Every single entry must be protected with a barrier the same as per conveyor belt roads.

#### **3.5.3. Return airways**

Must be protected either by high level of incombustible matter (80%) for the first 1000 m out by of the **face area** or by a barrier to be installed and moved forward in line with the conveyor belt road barrier. Thereafter a 65% of incombustible matter must be maintained.

### **4. Active roadway barrier**

- 4.1. Electronic activation of inertisation material for the purpose of stopping flame propagation from a coal dust explosion can be installed in the place of a stone dust barrier based on risk assessment.



**ANNEXURE 5: References**  
(For information purposes)

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21. Nagy J. *et al.* "**Float coal** hazard in mines a progress report". USBM Information Bulletin 7723, 1964.
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23. Powell F. "Ignitions of **flammable gas** - air during roof falls" - A paper published in the Colliery Guardian. January 1994.
24. "Report of the Leon Commission on the inquiry into Safety and Health in the mining industry".

**ANNEXURE 6: Relevant SIMRAC reports**  
(For information purposes)

1. COL010 Assessment of explosion barriers.
2. COL027 HB handbook to reduce the exposure of workers to dust.
3. COL027ES Reduction of worker exposure to dust in collieries.
4. COL029a Improving underground ventilation conditions in coal mines.
5. COL031 Prevention, detection and control of underground fires in coal mines.
6. COL104 Simulation of coal dust explosions.
7. COL115 Assessment of the design of refuge bays in coal mines.
8. COL116 The suitability of using jet fans to ventilate CM miner headings in collieries.
9. COL226 Identify methods to reduce the risks of frictional ignition hazards.
10. COL236 Assessment of dispersed barrier systems.
11. COL310 Design scrubber systems to enhance dust capture efficiency.
12. COL322 Systems to limit coal dust and methane explosions in collieries.
13. COL431 Training aids to assist employees to recognise frictional ignition hazards.
14. COL443 Alternative inerting materials for coal mine explosions.
15. COL446 Expand and enhance the use of stone dust barriers for different conditions.
16. COL465 Determination frictional resistance factors for bord and pillar coal mines.
17. COL467 Reduction of risks due to dust generation on strip mine haul roads.
18. COL501 To test dispersed stonedust barriers for effectiveness in bord and pillar.
19. COL502 The design, construction and testing of underground seals.
20. COL518 Mechanical miner environmental control.
21. COL 601 Remote **flammable gas** detection/measuring device.
22. SIM 04 04 03 Role of static electricity in the ignition of **flammable gas** and mine fires.

23. SIM 02 04 04 Ranging path remote methane detector.
24. GEN 705 Ranging open path remote **flammable gas** detection/monitoring device.

**ANNEXURE 7: SANS references**

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2. SANS 10108 2017 6.01 The classification of hazardous locations and the selection of equipment for use in such locations.
3. SANS 1515-1 2014 3.00 Gas measuring equipment primarily for use in mines Part 1: Battery- operated portable, **flammable gas measuring instruments** and warning devices.
4. SANS 1515-2 2014 2.00 Gas measuring equipment primarily for use in mines Part 2: Fixed, transportable, and vehicle-mounted **flammable gas** measuring and warning sensor heads, devices and instruments.
5. SANS 1515-3-1 2015 1.00 Gas measuring equipment primarily for use in mines Part 3-1: Battery- operated, portable, toxic gas measuring instruments and warning devices.
6. SANS 1515-3-2 2015 1.00 Gas measuring equipment primarily for use in mines Part 3-2: Fixed, transportable, and vehicle-mounted toxic gas measuring and warning sensor heads, instruments and devices.
7. SANS 1515-3 2014 1.00 Gas measuring equipment primarily for use in mines Part 3: Gas performance requirements for toxic gas measuring instruments and warning devices.
8. SANS 1515-4-1 2015 1.00 Gas measuring equipment primarily for use in mines Part 4-1: Battery- operated portable, oxygen-deficient/oxygen enriched measuring instruments and warning devices.
9. SANS 1515-4 2015 1.00 Gas measuring equipment primarily for use in mines Part 4: Gas performance requirements for oxygen-deficient/oxygen enriched measuring instruments and warning devices.
10. SANS 1515-5 2016 1.00 Gas measuring equipment primarily for use in mines Part 5: Fire detectors.
11. SANS 1737 2017 1.04 Body-worn escape type breathing Apparatus.
12. SANS 60079-0 2012 5.00 Explosive atmospheres Part 0: Equipment – General requirements (IEC 60079-0:2011, IDT, Ed.6).
13. SANS 60079-1 2015 5.00 Explosive atmospheres Part 1: Equipment protection by flameproof enclosures "d" (IEC 60079-1:2014, IDT, Ed. 7).
14. SANS 60079-2 2015 4.00 Explosive atmospheres Part 2: Equipment protection by pressurized enclosure "p" (IEC 60079-2:2014, IDT).
- 15.

16. SANS 60079-5 2016 4.00 Explosive atmospheres - Part 5: Equipment protection by powder filling "q" (IEC 60079-5:2015, IDT, Ed. 4).
17. SANS 60079-6 2009 3.00 Explosive atmospheres Part 6: Equipment protection by oil (immersion "o" IEC 60079-6:2007, IDT, Ed. 3).
18. SANS 60079-7 2007 3.00 Explosive atmospheres Part 7: Equipment protection by increased safety "e" (IEC 60079-7:2006, IDT, Ed. 4).
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20. SANS 60079-10-2 2009 1.00 Explosive atmospheres Part 10-2: Classification of areas - Combustible dust atmospheres (IEC 60079-10-2:2009, IDT, Ed. 1).
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22. SANS 60079-13 2011 2.00 Explosive atmospheres Part 13: Equipment protection by pressurized room "p" (IEC 60079-13:2010, IDT, Ed. 1).
23. SANS 60079-14 2014 5.00 Explosive atmospheres Part 14: Electrical installations design, selection and erection (IEC 60079-14:2013, IDT, Ed. 5).
24. SANS 60079-15 2010 4.00 Explosive atmospheres Part 15: Equipment protection by type of protection "n" (IEC 60079-15:2010, IDT, Ed. 4).
25. SANS 60079-16 1990 1.00 Electrical apparatus for explosive gas atmospheres Part 16: Artificial ventilation for the protection of analyzer(s) houses (IEC 60079-16:1990, IDT, Ed. 1).
26. SANS 60079-17 2014 5.00 Explosive atmospheres Part 17: Electrical installations inspection and maintenance (IEC 60079-17:2013, IDT, Ed. 5).
27. SANS 60079-18 2017 4.00 Explosive atmospheres Part 18: Equipment protection by encapsulation "m" (IEC 60079-18:2014, IDT, Ed. 3).
28. SANS 60079-20-1 2010 1.00 Explosive atmospheres Part 20-1: Material characteristics for gas and vapour classification - Test methods and data (IEC 60079-20-1:2010, IDT, Ed. 1).
29. SANS 60079-25 2010 2.00 Explosive atmospheres Part 25: Intrinsically safe electrical systems (IEC 60079-25:2010, IDT, Ed. 2).
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**ANNEXURE 8: Appointment of members of a drafting committee for a mandatory COP**  
(For information purposes)

Guideline for the Compilation of a Mandatory Code of Practice for the Prevention of **Flammable gas** and Coal Dust Explosions in Collieries.

In terms of Paragraph 4.1 and 4.2 consultation for the preparation, implementation or revision of this **COP** was done with the Health and Safety Committee and Employees.

NAME	DESIGNATION	AFFILIATION (UNION OR EMPLOYER OR EMPLOYEE)	DATE	SIGNATURE

In terms of Paragraph 4.1 and 4.2 of this Guideline, the following members are appointed as the Drafting Committee for this **COP**.

NAME	DESIGNATION	QUALIFICATION	EXPERIENCE	AFFILIATION	DATE	SIGNATURE

\_\_\_\_\_  
**Employer representative**  
(PRINT NAME AND SIGNATURE)

(MHSA Section 4.1 Appointee)

\_\_\_\_\_  
**Date**

## DEPARTMENT OF MINERAL RESOURCES

NO. 29

17 JANUARY 2020

**MINE HEALTH AND SAFETY ACT, 1996 (ACT NO 29 OF 1996)****GUIDELINE FOR THE COMPILATION OF A MANDATORY CODE OF PRACTICE FOR  
THE MANAGEMENT OF WORKING IN CONFINED SPACES AT MINES**

I, **DAVID MSIZA**, Chief Inspector of Mines, under section 49(6) of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996) and after consultation with the Council, hereby issues the guideline of a mandatory code of practice for the management of working in confined spaces at mines in terms of the Mine Health and Safety Act, as set out in the Schedule.



**D MSIZA**  
**CHIEF INSPECTOR OF MINES**

**SCHEDULE**

*Reference Number:* DMR 16/3/2/4-B4  
*Last Revision Date:* 30 April 2019  
*Date First Issued:* First edition  
*Effective Date:* 01 July 2020

**DEPARTMENT OF MINERAL RESOURCES**

**MINE HEALTH AND SAFETY INSPECTORATE**

**GUIDELINE FOR THE COMPILATION OF A  
MANDATORY CODE OF PRACTICE FOR**

**THE MANAGEMENT OF WORKING IN  
CONFINED SPACES AT MINES**



**CHIEF INSPECTOR OF MINES**



**mineral resources**

Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

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# Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA  
REPUBLIEK VAN SUID AFRIKA

Vol. 655

17 January 2020  
Januarie

No. 42956

**PART 2 OF 2**

N.B. The Government Printing Works will not be held responsible for the quality of "Hard Copies" or "Electronic Files" submitted for publication purposes

ISSN 1682-5843



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42956



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**ANNEXURE 1:** Roles and responsibilities

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## PART A: THE GUIDELINE

### 1. FOREWORD

- 1.1. Occurrences of **confined space** related incidents were reported in the South African mining industry over the past few years. Interventions to facilitate the management of safe entry and work in **confined spaces** is required.
- 1.2. Effective prevention and management of confined space incidents in the mines warrants the adoption, implementation and monitoring of formal and robust preventive measures amongst South African mines. The adoption and implementation of a guideline for working in **confined spaces** will promote a safer and healthier workplace in South African mining industry.
- 1.3. A research project (SIM 160606: Minimum standards for **confined spaces**) was undertaken by the **MHSC** via the **SIMRAC** to develop minimum standards to assist the South African mining industry to adopt and implement robust and effective strategies for the control of management of confined space incidents.
- 1.4. The **MHSC** subsequently instructed **MOHAC** to develop a guideline on the management of working in **confined spaces**.

### 2. LEGAL STATUS OF GUIDELINES AND COPs

- 2.1. In accordance with section 9(2) of the **MHSA**, an employer must prepare and implement a **COP** on any matter affecting the health or safety of employees and other persons who may be directly affected by activities at the mines if the **CIOM** requires it. These **COPs** must comply with any relevant guideline issued by the **CIOM** (section 9(3)). Failure by the employer to prepare or implement a **COP** in compliance with this guideline is a breach of the **MHSA**.

### 3. THE OBJECTIVE OF THE GUIDELINE

- 3.1. This guideline has been developed to assist employers to set minimum standards, which, when adhered to, will assist the South African mining sector in the:
  - a) Management of working in **confined spaces**; and
  - b) Elimination of confined space related incidents.

### 4. DEFINITIONS AND ACRONYMS

- a) “**Bump test**” means a brief exposure of gas monitor to gas to verify that the sensors respond and the instrument alarms function accordingly.
- b) “**Confined space**” means an enclosed or partially enclosed space that is not intended or designed primarily as place of work. Due to its nature, a Confined Space poses particular hazards to personnel that include the potential for:

- An oxygen deficient or otherwise non-breathable atmosphere.
- An oxygen enriched environment supportive of combustion conditions
- An atmosphere that is explosive or flammable.
- An atmosphere that is toxic or contains harmful contaminants.
- Temperature levels that pose a hazard to personnel.
- Entrapment **risks** due to the nature of the Confined Space's entry and exit points.
- Engulfment **risks** due to the inrush of free-flowing solids or fluids.

Entry to a confined space is defined as a person's whole body, upper body or head being located within the confined space.

- c) "**CIOM**" means Chief Inspector of Mines
- d) "**COP**" means a Code of Practice.
- e) "**DMR**" means Department of Mineral Resources.
- f) "**MHSA**" means Mine Health and Safety Act, 1996 (Act 29 of 1996) as amended.
- g) "**MHSC**" means Mine Health and Safety Council.
- h) "**MOHAC**" means Mining Occupational Health Advisory Committee.
- i) "**Permit**" means an official document giving someone authorization to do something.
- j) "**Risk**" means the likelihood that occupational injury or harm to persons will occur.
- k) "**SAMI**" means South African Mining Industry.
- l) "**SIMRAC**" means Safety in Mines Research Advisory Committee.
- m) "**Standby person / control attendant**" means a person located outside the **permit** space who controls and records Confined Space entry and performs other duties as defined by the **COP**.

## 5. SCOPE

This mandatory guideline covers the:

### 5.1. Management of working in **confined spaces**; and

5.2. Elimination of confined space related incidents for all employees at a mine.

## 6. MEMBERS OF TASK COMMITTEE

This guideline was prepared by members of a task team, which comprised of:

- Mr N. Mokhonoana (State) [Chairperson]
- Mr T. Motitimi (State)
- Ms. M. Hlapane (State)
- Adv. H. van Vuuren (Labour)
- Ms S. Nongingi (Labour)
- Prof. C.J. Badenhorst (Employers)
- Mrs. R. Engelbrecht (Employers)

**PART B: AUTHOR'S GUIDE**

1. The **COP** must, where possible, follow the sequence laid out in Part C: Format and content of the **COP**. The pages as well as the chapters and sections must be numbered to facilitate cross-reference. Wording must be unambiguous and concise.
2. It should be indicated in the **COP** and on each annexure to the **COP** whether:
  - 2.1. The annexure forms part of the guideline and must be complied with or incorporated in the **COP**, or whether aspects thereof must be complied with or incorporated in the **COP**; or
  - 2.2. The annexure is merely attached as information for consideration in the preparation of the **COP** (i.e. compliance is discretionary).
3. When annexures are used the numbering should be preceded by the letter allocated to that particular annexure and the numbering should start at one again. (e.g. 1, 2, 3, ...A1, A2, A3, ...).
4. Whenever possible illustrations, tables, graphs and the like, should be used to avoid long descriptions and/or explanations.
5. When reference has been made in the text to publications or reports, references to these sources must be included in the text as footnotes or side notes as well as in a separate bibliography.

## PART C: FORMAT AND CONTENT OF THE COP

### 1. TITLE PAGE

- 1.1. The title page must include the following:
- 1.2. Name of mine;
- 1.3. The heading of the **COP**: "Mandatory code of practice for the management of confined spaces";
- 1.4. A statement to the effect that the **COP** was drawn up in accordance with this guideline **DMR 16/3/2/4-B4** issued by the **CIOM**;
- 1.5. The mine's reference number for the **COP**;
- 1.6. Effective date of the **COP**; and
- 1.7. Revision dates.

### 2. TABLE OF CONTENTS

The **COP** must have a comprehensive table of contents.

### 3. STATUS OF THE COP

- 3.1. This section must contain statements to the effect that:
- 3.2. The mandatory **COP** was drawn up in accordance with Guideline **DMR 16/3/2/4-B4** issued by the **CIOM**.
- 3.3. This is a mandatory **COP** in terms of sections 9(2) and (3) of the **MHSA**.
- 3.4. The **COP** may be used in an incident/accident investigation/inquiry to ascertain compliance and also to establish whether the **COP** is effective and fit for purpose.
- 3.5. This **COP** must be read in conjunction with other relevant and applicable **COP** such as the guideline for the compilation of a mandatory **COP** for an occupational health programme (occupational hygiene and medical surveillance) on personal exposure to airborne pollutants, guideline for the compilation of a mandatory **COP** for the right to refuse dangerous work and leave dangerous working places.
- 3.6. All managerial instructions or recommended procedures (voluntary **COPs**) and standards on the relevant topics must comply with the **COP** and must be reviewed to assure compliance.

#### 4. MEMBERS OF THE DRAFTING COMMITTEE

- 4.1. In terms of section 9(4) of the **MHSA** the employer must consult with the health and safety committee on the preparation, implementation or revision of any **COP**.
- 4.2. It is recommended that the employer should, after consultation with the employees in terms of the **MHSA**, appoint a committee responsible for the drafting of the **COP**.
- 4.3. The members of the drafting committee assisting the employer in drafting the **COP** should be listed giving their full names, designations, affiliations and experience. This committee should include competent persons sufficient in number to effectively draft the **COP**.

#### 5. GENERAL INFORMATION

- 5.1. The general information relating to the mine must be stated in this paragraph.
- 5.2. The following minimum information must be provided:
  - 5.2.1. A brief description of the mine and its location;
  - 5.2.2. The commodities produced;
  - 5.2.3. The mining and/or processing methods or combination of methods used at the mine or surface works must be listed and their particular **risks** associated with these methods;
  - 5.2.4. The unique features of the mine or surface works that have a bearing on the **COP** must be set out and cross referenced to the **risk** assessment conducted; and
  - 5.2.5. Other relevant **COPs**.

#### 6. TERMS AND DEFINITIONS

- 6.1. Any word, phrase or term of which the meaning is not absolutely clear or which will have a specific meaning assigned to it in the **COP**, must be clearly defined. Existing and/or known definitions should be used as far as possible. The drafting committee should avoid jargon and abbreviations that are not in common use or that have not been defined. The definitions section should also include acronyms and technical terms used.

#### 7. RISK MANAGEMENT

- 7.1. Section 11 of the **MHSA** requires the employer to identify hazards, assess the health and safety **risks** to which employees may be exposed while they are at work, record the significant hazards identified and **risks** assessed. The **COP** must address how the significant **risks** identified in the **risk** assessment process must be dealt with, having regard to the requirements of sections 11(2) and (3) that, as far as reasonably practicable, attempts should first be made to eliminate the **risk**, thereafter to control the **risk** at source, thereafter to minimise the **risk** and thereafter, insofar as the **risk** remains, to provide personal protective equipment and to institute a program to monitor the **risk**.

## 8. ASPECTS TO BE ADDRESSED IN THE COP

The **COP** must set out how significant **risks** are identified and assessed in terms of the **risk** assessment process referred to in paragraph 7, and how it will be addressed. The **COP** must cover at least the aspects set out below:

### 8.1. Identification and register of confined spaces

The **COP** should ensure that:

8.1.1. **Confined spaces** are identified by a competent person through the mine's **risk** management process and access into the confined space shall be physically restricted using barriers to prevent unauthorised entry whenever possible.

8.1.1.1. The **risk** assessment should cover the following (but not limited to):

- a) The health and safety **risks** associated with entering and working in a confined space;
- b) The reportable accident on fined space;
- c) The **risk** assessment must at least consider and record the following information:
  - (i) Hazards anticipated to be harmful to employee's health as well as those to be flammable, explosive and those that require monitoring.
  - (ii) Any potential **risk** of engulfment.
  - (iii) How the work itself may change or deteriorate workplace conditions.
  - (iv) Ventilation requirements for the duration of work inside the confined space.
  - (v) Any other control measures required for entry and work in a confined space.
  - (vi) Any other information critical to the health and safety of the employees entering and working in a confined space.

8.1.2. All **confined spaces** are recorded in a register;

8.1.3. A confined space **risk** assessment should be conducted before any work or entry is conducted;

8.1.4. A site-specific procedure is developed and implemented to ensure safe confined space entry and work;



- 8.1.5. Appropriate signage shall be posted at each entry point denoting that a **permit** is required prior to entry. Where signage is impractical other means of communication need to be used; and
- 8.1.6. All employees potentially involved in confined space entry or work are aware of the procedure and the register and are conversant with the contents and requirements thereof.

## 8.2. Appointments, roles and responsibilities

The **COP** should ensure that the following is clearly defined:

### 8.2.1. Appointments

- 8.2.1.1. A manager is appointed in writing to take accountability for all confined space entry or work on the mine;
- 8.2.1.2. A supervisor is appointed in writing to oversee specific confined space entry or work;
- 8.2.1.3. A person qualified in occupational hygiene techniques to measure levels of exposure to hazards is appointed in writing to test the atmosphere before and during confined space entry or work;
- 8.2.1.4. A confined space attendant/standby person shall be appointed in writing for every confined space entry or work; and
- 8.2.1.5. All other employees involved with confined space work.

### 8.2.2. Roles and responsibilities (*see Annexure 1, for information purposes*)

- 8.2.2.1. The **COP** should ensure that all the roles and responsibilities are clearly defined in relation to confined space/s.
- 8.2.2.2. All other employees involved with confined space work shall be trained of their roles and responsibilities, hazards that they will be exposed too in a confined space and record shall be kept thereof.

## 8.3. Control measures

The **COP** should ensure that:

- 8.3.1. No person enters a confined space or work inside a confined space without implementing a confined space procedure in relation to any relevant confined space **risks**, that render that work safe and without **risk** to health.
- 8.3.2. While planning activities requiring a potential entry in a confined space, alternative and safer methods shall always be considered. Whenever management discretion exists, the key principles guiding the application of the hierarchy of control shall be used to

scrutinize the **risk** assessment process and explore all alternatives to avoid the need of having personnel enter **confined spaces**.

- 8.3.3. The hierarchy of control is applied when considering the control of confined space hazards, first considering elimination, engineering controls and administrative controls before resorting to personal protective equipment.
- 8.3.4. In managing **risks** associated with a confined space, all relevant matters must be considered, including:
  - 8.3.4.1. Whether the work can be carried out without the need to enter the confined space;
  - 8.3.4.2. The nature of a confined space;
  - 8.3.4.3. The hazards associated with any airborne contaminant or unsafe level of oxygen;
  - 8.3.4.4. If the work has to be carried out in the confined space:
    - a) The range of methods by which the work can be carried out; and
    - b) A task specific confined space rescue plan is developed and authorised by the person responsible.

#### 8.4. **Permit system**

The **COP** should ensure that:

- 8.4.1. No employer must allow or direct a worker to enter a confined space to carry out work unless a confined space entry **permit** for the work has been issued. The **permit** process must include the following elements:
  - 8.4.1.1. A **risk** assessment, including the need for a competent person monitoring identified hazards, concentrations of flammable and explosive substances;
  - 8.4.1.2. Specify the work to be performed in the confined space;
  - 8.4.1.3. Isolation procedures for airborne pollutants and other energy sources;
  - 8.4.1.4. The requirement for control measures;
  - 8.4.1.5. The sign-in and sign-out of all persons entering the confined space;
  - 8.4.1.6. Display of the **permit**;
  - 8.4.1.7. Communication equipment;
  - 8.4.1.8. Safety specification of equipment to be taken into the confined space;

- 8.4.1.9. Barricading;
- 8.4.1.10. Rescue plan and equipment;
- 8.4.1.11. Standby person/Control Attendant; and
- 8.4.1.12. A completion procedure.

#### 8.5. **Energy isolation and lockout**

The **COP** should ensure that:

- 8.5.1. All energy sources are identified and physically isolated or locked out before entry or work in the confined space is allowed;
- 8.5.2. harmful materials and airborne pollutants are identified and confirmed 'not present' before entry;
- 8.5.3. **confined spaces** surfaces are cleared prior to entry to remove materials that may fall on, or create a harmful atmosphere for personnel; and
- 8.5.4. Only intrinsically safe equipment is used inside **confined spaces** where flammable or potentially explosive atmospheres are likely. In certain **confined spaces** (e.g. inside metal tanks) suitable precautions to prevent electric shock must include the use of extra low voltage equipment (typically less than 25 V) and, where necessary, residual current devices.

#### 8.6. **Atmosphere**

The **COP** should ensure that:

- 8.6.1. The atmosphere inside a confined space is safe and without **risk** to health as far as reasonable practicable before entry into and work inside a confined space is allowed.
- 8.6.2. Measures are implemented to ensure that a health and safe atmosphere is maintained throughout the entire period of confined space work.
- 8.6.3. The concentration of any harmful hazard/s identified in the atmosphere of the confined space is less than 5% of its lower explosive limit (LEL), so far as is reasonably practicable. If it is not reasonably practicable, and the concentration of any harmful hazard/s identified in the atmosphere of the confined space:
  - a) Is equal to or greater than 5% but less than 10% of its LEL—the employer must ensure that any worker is immediately removed from the space unless a suitably calibrated, continuous-monitoring flammable gas detector is used in the confined space; or

- b) Is equal to or greater than 10% of its LEL—the employer must ensure that any worker is immediately removed from the confined space.

8.6.4. Where a flammable atmosphere may exist in a confined space and there is a **risk** of fire and explosion, all ignition sources in the vicinity must be controlled.

#### 8.7. Atmosphere testing and monitoring

The **COP** should ensure that:

- 8.7.1. The atmosphere inside a confined space is tested prior to entering for relevant harmful, flammable substances and oxygen content. The testing may require specialized instrumentation to checking all extremities of the confined space without physically getting into the confined space (telescopic rod, vacuum pump, probe/hose).
- 8.7.2. Atmospheric monitoring is conducted by a competent person.
- 8.7.3. Monitoring requirements, e.g. frequency, are detailed on the confined space entry **permit**.
- 8.7.4. Atmospheric monitoring results are recorded on the confined space entry **permit** and be available at the entry point to the confined space.
- 8.7.5. If atmospheric monitoring cannot confirm a safe environment prior to entry, then personnel must not enter the confined space until further controls are implemented and the working atmosphere becoming safe for entry and work.
- 8.7.6. Atmospheric testing equipment have a current and valid calibration certificate. A **bump test** should be conducted before each day's use in accordance with the manufacturer's instructions.

#### 8.8. Ventilation

- 8.8.1. The **COP** should ensure that where the **risk** assessment has identified the need for ventilation, then this must be covered by a documented procedure approved by a 12.1 Appointee.
- 8.8.2. If the maintenance of a safe oxygen level in a confined space is dependent on mechanical ventilation, equipment shall:
  - a) Be continuously monitored while the confined space is occupied; and
  - b) Have the control (include remote power supply) clearly identified, tagged and manned to guard against unauthorised interference.

### 8.9. Standby person/control attendant

The **COP** should ensure that a standby person/control attendant is utilised for Confined Space work.

8.9.1. The standby person/control attendant must:

- 8.9.1.1. Be trained and competent to undertake standby duties;
- 8.9.1.2. Be present at the entry/exit point at all times while personnel are in the confined space;
- 8.9.1.3. Not engage in any other work activity or task;
- 8.9.1.4. Control and record the movement of personnel into and exiting the confined space;
- 8.9.1.5. Be able to communicate with personnel inside the confined space and with key/rescue personnel at all times;
- 8.9.1.6. Not enter the confined space, even in an emergency; and
- 8.9.1.7. Knowledgeable about the rescue plan.

### 8.10. Personal protective equipment

The **COP** should ensure that:

- 8.10.1. Where it is not reasonably practicable to ensure the confined space contains a safe oxygen level, or safe levels of airborne contaminants, the employer shall ensure that:
  - a) Every person required to enter the confined space is provided with:
    - (i) Appropriate respiratory protective equipment (RPE) which would render sufficient protection against the contaminant encountered.
    - (ii) Where there is the **risk** of asphyxiation, the entrants are provided with self-contained breathing apparatus. Space other personal protective equipment to protect them from any other health or safety hazards which may be encountered in the confined space.
  - b) Where employees are required to make use of full body harnesses when working inside a confined space, lifelines must be attached to the harnesses and should run back to a point outside the confined space.

### 8.11. Communication

The **COP** should ensure that:

8.11.1. The employer shall ensure that a system of work is provided that would:

8.11.2. Enable adequate and effective communication:

- a) Between involved role players outside the confined space;
- b) Between those inside the confined space;
- c) Between those inside the confined space and those outside; and
- d) To summon help in case of an emergency.

#### 8.12. **Entry and exit procedures**

The **COP** should ensure that:

8.12.1. The employer shall ensure that a system of work is provided that would keep formal record of confined space entry and exit.

#### 8.13. **Signs and barricading**

The **COP** should ensure that:

8.13.1. The employer shall ensure that before any work in relation to a confined space starts, a system of work is provided that would ensure that the space is properly barricaded and appropriate signage posted.

#### 8.14. **Employee training**

The **COP** should ensure that:

8.14.1. All employees involved with any work or responsibility in relation to a confined space, directly and indirectly, are made conversant with all requirements in terms of safe entry and work inside the confined space.

8.14.2. The training provided to relevant workers must be role based and cover appropriate information:

- a) Each person's specific roles and responsibilities in relation to the confined space;
- b) The nature of all hazards associated with a confined space;
- c) The need for, and appropriate use of, **risk** control measures;
- d) The selection, use, fit, testing and storage of any personal protective equipment;
- e) The contents of any relevant confined space entry **permit**, and

- f) Emergency and rescue procedures.

#### 8.15. Maintenance of control measures

The **COP** should ensure that:

- 8.15.1. The employer shall ensure that a system of work is provided for the inspection and maintenance of control measures as an integral part of the safe system of work. Maintenance may involve visual checks, inspections, testing of equipment, preventative maintenance and remedial work. Equipment that should be regularly inspected include:
  - a) Atmospheric testing and sampling equipment;
  - b) Personal protective equipment including respirators;
  - c) Ventilation equipment;
  - d) Safety harness and lines; and
  - e) emergency and rescue equipment.

#### 8.16. Confined space rescue plan

The **COP** should ensure that:

- 8.16.1. A task specific Confined Space Rescue Plan are developed by competent personnel that identifies the methods by which a rescue will be initiated, and personnel will be extracted from the Confined Space in the event of an emergency.
- 8.16.2. The plan must include details of the specific equipment required to be in place prior to entry and the location / number of rescue personnel to be available.
- 8.16.3. Rescuers shall be trained, fit to carry out their task and capable of using any equipment provided for rescue, e.g. breathing apparatus, lifelines, fire-fighting equipment.

#### 8.17. Fitness to work

The **COP** should ensure that:

- 8.17.1. Every employee required to enter or work in a confined space is assessed and declared medically fit by an occupational medical practitioner, specifically for work in a confined space. The occupational medical practitioner shall take into account all potential hazards such as physical, chemical and psychological stresses (not limited to) associated with work in a confined space.

### 8.18. Record keeping

The **COP** should ensure that any confined space related documents/records are kept at the mine and made readily available.

### 8.19. System review

The **COP** should ensure that:

8.19.1. The mine's confined space procedure, **risk** assessment, entry **permit** and control measures are review and if necessary revise at appropriate intervals:

- a) When there is any reason to believe that entry and work is not safe;
- b) Any facet of the system is not applicable anymore;
- c) Control measures do not minimise the **risk** as far as is reasonably practicable;
- d) Before a change at the workplace that is likely to give rise to a new or different health and safety **risk** that the control measure may not effectively control;
- e) If a new hazard or **risk** is identified;
- f) If the results of consultation indicate that a review is necessary;
- g) If a health and safety representative requests a review;
- h) After an incident occurred, and
- i) At least every 24 months.



## **PART D: IMPLEMENTATION**

### **1. IMPLEMENTATION PLAN**

- 1.1. The employer must prepare an implementation plan for its **COP** that makes provision for issues such as organizational structures, responsibilities of functionaries and programs and schedules for this **COP** that will enable proper implementation of the **COP**. (A summary of/and a reference to, a comprehensive implementation plan may be included).
- 1.2. Information may be graphically represented to facilitate easy interpretation of the data and to highlight trends for the purpose of **risk** assessment.

### **2. COMPLIANCE WITH THIS CODE OF PRACTICE**

- 2.1. The employer must institute measures for monitoring and ensuring compliance with the **COP**.

### **3. ACCESS TO THE CODE OF PRACTICE AND RELATED DOCUMENTS**

- 3.1. The employer must ensure that a complete **COP** and related documents are kept readily available at the mine for examination by any affected person.
- 3.2. A registered trade union with members at the mine or where there is no union, a health and safety representative on the mine, or if there is no health and safety representative, an employee representing the employees on the mine, must be provided with a copy on written request to the manager. A register must be kept of such persons or institutions with copies to facilitate updating of such copies.
- 3.3. The employer must ensure that all employees are fully conversant with those sections of the **COP** relevant to their respective areas of responsibility.

**ANNEXURE 1: Roles and responsibilities****1. Only trained employees can work in permit-required spaces**

1.1. Confined space tasks employees are trained to understand and safely perform the jobs of:

- a) Authorized entrants
- b) Attendants
- c) Entry supervisors

**2. Authorized entrants enter and work in permit-required spaces**

2.1. They must be able to:

2.1.1. Identify the space's hazards and potential consequences, as well as signs and symptoms of exposure.

2.1.2. Properly use any necessary equipment to:

- a) Test, monitor, and ventilate the atmosphere in the space.
- b) Communicate with others working in and outside the space.
- c) Protect themselves from exposure to dangerous levels of toxins, power, equipment, etc.

**3. Attendants stand outside the space to monitor and protect authorized entrants.**

They must be able to:

3.1. Remain outside the space during entry operations.

3.2. Maintain accurate count of authorized entrants in the space.

3.3. Identify the space's hazards, exposure consequences, and signs that authorized entrants have been exposed to hazards.

3.4. Stay in constant contact with workers in the space.

3.5. Monitor activities in and outside the space that could affect entrant safety.

3.6. Order entrants to evacuate the space immediately if:

3.6.1. Conditions in or outside the space endanger authorized entrants.

3.6.2. Workers in the space show signs of dangerous exposure.

3.6.3. The attendant can't safely and effectively perform all his or her duties:

- a) Summon rescue or emergency services or perform permitted nonentry rescues.
- b) Keep unauthorized persons away from the space and alert authorized entrants and entry supervisor if such people enter the **permit** space.

**4. Entry supervisors take responsibility for permits and safety procedures**

4.1. They:

4.1.1. Identify the space's hazards, consequences, and signs of exposure.

4.1.2. Make sure the entry **permit** is complete and that:

- a) Listed tests and hazard removal/controls have been completed;
- b) Listed procedures are followed;
- c) Listed safety, communications, and rescue equipment is in place; and
- d) Rescue services are available.

4.1.3. Sign the **permit** and allow entry into the space.

4.1.4. Cancel the entry and **permit** when operations are completed or the **permit** expires or a dangerous condition arises.

4.1.5. Remove unauthorized individuals from the **permit** area.

## DEPARTMENT OF MINERAL RESOURCES

NO. 30

17 JANUARY 2020

**MINE HEALTH AND SAFETY ACT, 1996 (ACT NO 29 OF 1996)****GUIDANCE NOTE FOR THE IMPLEMENTATION OF HIV SELF-TESTING IN THE  
SOUTH AFRICAN MINING INDUSTRY**

I, **DAVID MSIZA**, Chief Inspector of Mines, under section 49(6) of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996) and after consultation with the Council, hereby issues the guidance note for the implementation of HIV self-testing in the South African mining industry in terms of the Mine Health and Safety Act, as set out in the Schedule.



**D MSIZA**  
**CHIEF INSPECTOR OF MINES**

**SCHEDULE**

*Reference Number:* DMR 16/3/2/3-B1  
*Last Revision Date:* 30 October 2018  
*Date First Issued:* First edition  
*Effective Date:* 01 July 2020

**DEPARTMENT OF MINERAL RESOURCES**

**MINE HEALTH AND SAFETY INSPECTORATE**

**GUIDANCE NOTE FOR**

**THE IMPLEMENTATION OF HIV SELF-TESTING IN  
THE SOUTH AFRICAN MINING INDUSTRY**



**CHIEF INSPECTOR OF MINES**



**mineral resources**

Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

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## PART A: THE GUIDANCE NOTE

### 1. FOREWORD

- 1.1. The guidance note on the implementation of **HIV** self-testing in the South African mining industry has been developed to provide a framework in implementing the self-testing approach in line with the **WHO** guidelines.
- 1.2. The **MITHAC** established a task team to facilitate the development of the guidance note on the implementation of **HIV** self-testing in the South African mining industry.
- 1.3. This guidance note on the implementation of **HIV** self-testing in the South African mining industry has been developed based on the standards and procedures as stated in the “**WHO** supplement guidelines on **HIV** self-testing and partner notification supplement to consolidated guidelines on **HIV** testing services”.
- 1.4. The guidance note will be reviewed based on regulated time frames or emerging developments pertaining to **HIV** self-testing services.

### 2. STATUS OF THE GUIDANCE NOTE

- 2.1. The guidance note has been compiled with the primary objective of promoting self-testing in the mining industry with the aim of closing the **HIV testing gap** and achieving the **UNAIDS** 90-90-90 strategy goals.
- 2.2. The guidance note sets out good practice and must be read and interpreted within the existing **WHO** Guidelines on **HIV** self-testing.
- 2.3. The **HIV** self-testing guidance note presents an opportunity for South African mining industry to reach those employees who are usually not reached through conventional facility-or community-based **HIV** testing.

### 3. THE OBJECTIVES OF THE GUIDANCE NOTE

- 3.1. To assist South African mining industry in achieving the first 90% of the **UNAIDS** 90/90/90 strategy which relates to diagnosing all people with **HIV** by 2020 and to achieve the 2014 Occupational Health and Safety Summit Milestones, that aims to reduce and prevent **TB**, **HIV** and AIDS infections.
- 3.2. To assist the South African mining industry in offering additional approaches to conventional **HIV** testing services.

### 4. DEFINITIONS AND ACRONYMS

- 4.1. “**ART**” means antiretroviral therapy.
- 4.2. “**Conventional facility-based HIV testing**” means a process where a patient in a clinic, or any facility offering health services, is offered **HIV counselling** and testing services by a clinician or a trained health care practitioner.
- 4.3. “**Counselling**” means **counselling** for **HIV** testing and is the process by which sufficient information about **HIV** is provided to the patients so they can give their

explicit and voluntary **informed consent** to receive services. It must be confidential. Information provided during **counselling** can be to create awareness or detailed information about **HIV**.

- 4.4. **“Directly assisted self-testing”** means when individuals who are self-testing for **HIV** receive an in-person demonstration from a trained provider or peer before or during **HIVST**.
- 4.5. **“Empowered person”** means a person who has been counselled and believed to have understood the content of **counselling** and ready to make a decision whether to decline or accept the offer for testing.
- 4.6. **“HIV”** means Human Immunodeficiency Virus.
- 4.7. **“HIVST”** means **HIV** self-testing and is a process in which a person collects their own specimen and then performs a test and interprets the result.
- 4.8. **“HIV workplace programmes”** means programmes which are specifically designed to mitigate the impact of **HIV** in the workplace. The programs are designed to create awareness towards making conscious choices through **counselling** and testing for **HIV**, linking individuals to treatment, monitoring of the disease and adherence **counselling**.
- 4.9. **“HTS”** means all forms of **HIV** testing services.
- 4.10. **“MITHAC”** means the mining industry **TB** and **HIV** advisory committee.
- 4.11. **“Informed consent”** means a process of obtaining consent from a person to ensure that the person fully understands the nature, implications and future consequences of the **HIV** test before such person consents to take the test.
- 4.12. **“NDOH”** means the South African National Department of Health.
- 4.13. **“NDOH prequalified product”** means a quality assured product that have been approved for use in South Africa by the **NDOH**.
- 4.14. **“Non-reactive self-screening results”** means a test result that does not show a reaction indicating the presence of analyte, which in the context of **HIV** refers to **HIV-1 P24** antigen or **HIV-1/2** antibodies.
- 4.15. **“PrEP”** means pre-exposure prophylaxis.
- 4.16. **“Primary distribution method”** means when a self-screening kit is delivered directly to the end-user.
- 4.17. **“Reactive self-screening results”** means a test result that shows a reaction indicating the presence of analyte, which in the context of **HIV** includes **HIV-1 P24** antigen or **HIV-1/2** antibodies.
- 4.18. **“Secondary distribution method”** means when one or more self-screening kits are given to an individual, not for their own use, but to distribute to their sexual partner, family member or anyone in their network.



- 4.19. **“Testing gap”** means a situation whereby individual(s) did not undergo **HTS**.
- 4.20. **“Trained tester”** means to a health care professional/lay counsellor who has been trained to do the **HIV** testing in accordance with the **WHO** Guidelines on **HIV** self-testing and partner notification supplement to consolidated **HIV** test services.
- 4.21. **“UNAIDS”** means the Joint United Nations Programme on **HIV/AIDS**.
- 4.22. **“TB”** means tuberculosis
- 4.23. **“Unassisted self-testing”** means when individuals self-test for **HIV** using only a self-test kit that includes manufacturer-provided instructions for use. As with all self-testing, users may be provided with links or contact details to access additional support, such as telephone hotlines or instructional videos.
- 4.24. **“WHO”** means the World Health Organisation.

## 5. MEMBERS OF THE TASK TEAM

This guidance note was prepared by members of the task team, which comprised of:

### State

Mr Modikwe Sekoele  
Ms Matanki Hlapane  
Dr Lindiwe Ndelu

### Organised Labour

Mr Nikki Prinsloo  
Mr Johan Kok  
Mr Charles Mkhumane

### Employers

Dr Khanyile Baloyi  
Dr Bosele Ramantsi  
Ms Stella Ntimbane  
Dr Irene Mampa

## 6. SCOPE

This guidance note applies to all mines in South African mining industry to implement **HIV** self-testing services as part of their **HIV** programme with the benefit of enabling reaching previously untested and test averse populations.

## 7. ASPECTS TO BE ADDRESSED IN THE HIVST PROGRAMME

Employers should take cognisance of the following aspects when implementing **HIV** self-testing programmes:

### 7.1. HIV self-testing

A process in which a person collects their own specimen and then performs a test and interprets the result.

## 7.2. Guiding principles

**HTS**, including **HIVST** should adhere to the **WHO** 5Cs: consent, confidentiality, **counselling**, correct test results and connection. These guiding principles are found in the National **HIV** Testing Services Policy 2016[6].

## 7.3. Benefits of HIV self-testing

- i. It is done in a private setting;
- ii. It provides an ability to reach those who are not able to go to health care facilities
- iii. First time testers, with possibly undiagnosed **HIV** can be reached
- iv. Employees can have an option to test; and
- v. Employers can ensure employees have ongoing access to the **HIV** self-testing services.
- vi. Employees are empowered to manage their health.
- vii. **HIV** self-testing reduces the number of times testers have to visit clinics and eliminates the need for individuals to travel distances or wait in long lines to access **HIV** testing.
- viii. There is an additional benefit by reducing the impact on limited government resources which can now be redirected to servicing those individuals with a reactive (positive) self-test result and who are in need of further testing, support and referral.
- ix. **HIV** self-testing is beneficial to people who are at ongoing high-risk exposure to **HIV** infection and for those who require regular retesting.
- x. **HIV** testing breaks down some of the traditional barriers that prevent individuals from going for an **HIV** Test. The self-test can be done in complete privacy, so there is absolutely no risk of being stigmatized.
- xi. **HIV** self-testing increases the opportunity for employers to reach those who usually do not go for an **HIV** Test to know their status.

## 7.4. Implementation methods/options of the HIV self-testing

In undertaking **HIV** self-testing processes, two options are available:

- 7.4.1. Directly assisted, whereby a trained provider or peer before or during **HIVST** will provide help in-person, by demonstrating on how to use the kit and how to interpret results. As part of this, directly assisted persons can access support via a telephone hotline, video, brochures, and referrals (if indicated).
- 7.4.2. Unassisted, whereby the individual performs an **HIVST** using the information package in the kit itself without any assistance from anyone.

## 7.5. Process to be followed in implementing HIV self-testing

The recommended process to be followed in the implementation of the **HIVST** programme should be distribution and provision of information, including education and communication; **counselling**; distribution of the **HIV** self-testing kits; testing; interpretation of the results; following-up and responding to results.

#### 7.5.1. Information, education and communication.

Information on self-testing should be made available in different forms and should cover the following but not limited to:

- a) Induction (training should include information of self-testing).
- b) Primary health consultations (every consultation with health professional).
- c) Occupational health consultations (medical surveillance examinations).
- d) Health and Safety campaigns (wellness days, **TB** days, Cancer days, etc).
- e) Meetings (health and safety committee meetings, management meetings, organised labour meetings, toolbox meetings, etc).
- f) Employees to encourage their partners and acquaintances to know their status.
- g) Media.
- h) Information leaflets.

#### 7.5.2. Counselling

7.5.2.1. Pre-test information and/or **counselling** can be provided in a group setting. However, post-test **counselling** must be done on an individual basis. All persons should have the opportunity to ask questions privately.

7.5.2.2. In the context of **HIVST**, it is important to note that pre-test information and post-test **counselling** can be provided using a directly assisted approach (for example, in-person demonstration and explanation by a trained provider or peer) or using an unassisted approach (for example, use of manufacturer provided instructions), as well as a number of other support tools. The instructions on how to perform a self-test and how to interpret the self-test result, is provided in addition to the manufacturer-supplied instructions for use and other materials found inside **HIVST** kits. (End 27 Sept 2018).

#### 7.5.3. Distribution of the HIV self-testing kits

In distributing **HIV** self-testing kits, **NDOH** quality assured products that have been approved for use in South Africa, must be distributed using different distribution options.

##### 7.5.3.1. Distribution options

- a) Primary distribution

This occurs when a self-screening kit is delivered directly to the end-user.

b) Secondary distribution

This occurs when one or more self-screening kits are given to an individual, not for their own use, but to distribute to their sexual partner, family member or anyone in their network.

7.5.3.2. Methods for distribution

The **HIV** self-testing kits can be distributed in the following manner:

- a) Community-based platforms which entails door-to-door delivery;
- b) Clinic-based channel which aims to promote couple/partner testing;
- c) Workplace programmes which can be used to reach those at high risk such as miners, truck drivers and their partners; and
- d) Can be given directly to the end-user or partner delivery to sexual partner.

7.5.4. Testing

When conducting **HIV** self-testing it is important to highlight that:

- a) Those on ARVs (**HIV** treatment and **PrEP**) should not do an **HIV** self-testing as they may get false non-reactive/negative results.
- b) If a person is uncertain about how to correctly perform the self- test, or interpret the self-testing result, he or she should be encouraged to access the conventional facility or community-based **HIV** testing.

7.5.5. Interpretation of the results

7.5.5.1. It is important to note that **HIVST** does not provide a definitive **HIV**-diagnosis positive because as with all **HIV** testing a single rapid diagnostic test (RDT) is not sufficient to make an **HIV** positive diagnosis therefore **HIVST** is considered to be a screening test.

7.5.5.2. Interpretation of the results will be as per the manufacturer's guide. If a person is uncertain about how to correctly interpret the self- test results, he or she should be encouraged to access the conventional facility or community-based **HIV** testing.

7.5.6. Follow-up

- a) A reactive (positive) self-test result requires further confirmatory testing from a **trained tester** using a validated national **HIV** testing algorithm.
- b) Those with a non-reactive (negative) self-screening result should retest if - exposed to **HIV** in the preceding six weeks, or high ongoing **HIV** risk.

#### 7.5.7. Response to results

In responding to the results gathered, **counselling** should have covered the following:

- a) A clear direction and action on how to respond to the testing results i.e. meaning and implications of a test result and contact numbers of the professional to assist with results interpretation and action thereafter.
- b) A clinic address or a facility address to visit/contact to discuss and act on the results.
- c) Confirmatory laboratory tests should be made available and re-enforcement of post-test **counselling** should be mandatory.

#### 7.6. Monitoring, evaluation and reporting

7.6.1. The following have been proposed as minimum monitoring and evaluation during the initial roll-out of **HIVST**:

- a) Periodical assessment of the hotline for **HIVST** related calls requesting information, assistance, **counselling** and support.
- b) Reporting of adverse events to the national hotline, on dedicated web and social media platforms.
- c) Post-marketing surveillance data of companies.
- d) Linkage to care through e-health platforms.

7.6.2. The data needs to be collected and collated in a manner that will inform the data that goes into the DMR 164 Reporting Form.

7.6.3. Companies are encouraged to keep data at mine level to demonstrate the impact of **HIV** self-testing in relation to closing the **testing gap**.

#### 7.7. Role players

The roles players who are required in implementing the requirements of **HIV** self-testing include:

- i. Health care professionals.
- ii. Lay counsellors.
- iii. Mine workers.
- iv. Mine owners.

#### 8. REFERENCES

- a) Department of Mineral Resources (DMR) 164 reporting on **HIV** and **TB**.

- b) **HIV** Selfie Proposal by Re-Action Consulting.
- c) Southern African **HIV** Clinicians Society: Guideline South African **HIV** Self-Testing Policy and Guidance Considerations.
- d) South Africa's National Strategic Plan for **HIV**, **TB** and STIs 2017-2022.
- e) **WHO** Guidelines on **HIV** self-testing and partner notification supplement to consolidated **HIV** test services, December 2016.

## DEPARTMENT OF MINERAL RESOURCES

NO. 31

17 JANUARY 2020

**MINE HEALTH AND SAFETY ACT, 1996 (ACT NO 29 OF 1996)****GUIDANCE NOTE ON STRENGTHENING THE HCT (HIV COUNSELLING AND TESTING) UPTAKE IN THE SOUTH AFRICAN MINING INDUSTRY**

I, **DAVID MSIZA**, Chief Inspector of Mines, under section 49(6) of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996) and after consultation with the Council, hereby issues the guidance note on strengthening the HCT (HIV counselling and testing) uptake in the South African mining industry in terms of the Mine Health and Safety Act, as set out in the Schedule.



**D MSIZA**  
**CHIEF INSPECTOR OF MINES**

**SCHEDULE**

*Reference Number:* DMR 16/3/2/3-B2  
*Last Revision Date:* 30 January 2019  
*Date First Issued:* First edition  
*Effective Date:* 01 July 2020

**DEPARTMENT OF MINERAL RESOURCES**

**MINE HEALTH AND SAFETY INSPECTORATE**

**GUIDANCE NOTE ON**

**STENGTHENING THE HCT (COUNSELLING AND  
TESTING) UPTAKE IN THE SOUTH AFRICAN  
MINING INDUSTRY**



**CHIEF INSPECTOR OF MINES**



**mineral resources**

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA



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## PART A: THE GUIDANCE NOTE

### 1. FOREWORD

- 1.1. The guidance note on the strengthening of **HCT** has been developed to provide a framework in promoting and implementing the **HCT** uptake.
- 1.2. The mining industry **MITHAC** established a task team to facilitate the development of the guidance note on strengthening the **HCT** uptake.
- 1.3. This guidance note has been developed based on the **HATOLD** policy, South African mining industry strategy on reducing TB and **HIV**, and **HIV** self-screening guidance note, amongst others.
- 1.4. The guidance note will be reviewed based on emerging developments pertaining to **HCT** programmes.

### 2. STATUS OF THE GUIDANCE NOTE

- 2.1. The guidance note has been compiled specifically with the view to provide guidance to the relevant stakeholders regarding their roles and responsibilities with regard to strengthening the **HCT** uptake in the South African mining industry.
- 2.2. The guidance note sets out good practice and must be read and interpreted within the existing legal framework on South African Constitution, 1996 (Act 108 of 1996), the Employment Equity Act and other relevant legislation.
- 2.3. The guidance note presents an opportunity for the South African mining industry to strengthen the employee **HCT** uptake through legally acceptable workplace initiatives.

### 3. THE OBJECTIVES OF THE GUIDANCE NOTE

The objectives of this guidance note are to:

- 3.1. Assist the South African mining industry in achieving the first 90% of the UNAIDS 90/90/90 strategy by strengthening the **HCT** uptake;
- 3.2. Assist the South African mining industry in having a holistic approach on strengthening the **HCT** uptake through multiple interventions;
- 3.3. Reach the first and second 90 of the 90:90:90 strategy through targeted testing and linkage to care in line with the **WHO** test and treat policy;
- 3.4. Provide an enabling environment to increase health seeking behaviour by strengthening and implementing linkages to care, treatment and support;
- 3.5. Strengthen **HIV** Prevention interventions aligned to **NSP** 2017-2022 Goal 1;
- 3.6. Promote the reduction of the number of medical incapacity/deaths linked to complications of **HIV**; and
- 3.7. Promote leadership and shared accountability for a sustainable response to **HIV**.

#### 4. DEFINITIONS AND ACRONYMS

- 4.1. **“Counselling”** means an interpersonal, dynamic communication process between a client and a trained counsellor (who is bound by a code of ethics and practice) that tries to resolve personal, social or psychological problems and difficulties. In the context of an **HIV** diagnosis, counselling aims to encourage the client to explore important personal issues, identify ways of coping with anxiety and stress, and plan for the future (such as keeping healthy, adhering to treatment and preventing transmission). When counselling in the context of a negative **HIV** test result, the focus is exploring the client’s motivation, options and skills to stay **HIV**-negative.
- 4.2. **“CITC”** means client-initiated testing and counselling.
- 4.3. **“DMR”** means Department of Mineral Resources.
- 4.4. **“DoH”** means the Department of Health.
- 4.5. **“HATOLD”** means **HIV/AIDS**, TB and occupational lung diseases.
- 4.6. **“HCT”** means **HIV** counselling and testing.
- 4.7. **“HIV”** means Human Immunodeficiency Virus.
- 4.8. **“HTS”** means **HIV** testing and services.
- 4.9. **“IPT”** means isoniazid preventive therapy.
- 4.10. **“MITHAC”** means TB and **HIV** advisory committee
- 4.11. **“NSP”** means National Strategic Plan.
- 4.12. **“PICT”** means provider-initiated testing and counselling.
- 4.13. **“SADC”** means Southern African Development Community.
- 4.14. **“WHO”** means World Health Organisation.

#### 5. MEMBERS OF THE TASK TEAM

This guidance note was prepared by members of the task team, which comprised of:

##### **State**

Mr Modikwe Sekoele  
Ms Matanki Hlapane  
Dr Dipalesa Mokoboto

##### **Organised Labour**

Mr Anthony Thobela  
Ms Stella Nongingi

## Employers

Ms Stella Ntimbane  
Ms Zameka Kubeka  
Mr Bethuel Dhlamini

## 6. BACKGROUND

With respect to **HIV**, South Africa aims to achieve the adopted 90-90-90 targets which provide that by 2020:

- 90% of all people living with **HIV** will know their **HIV** status;
- 90% of all people with diagnosed **HIV** infection will receive sustained antiretroviral therapy (ART), and
- 90% of all people receiving ART will be virally suppressed.

According to the **WHO** more than 19% of adults in South Africa are living with **HIV**. The **HIV** burden varies widely by geography, age and gender and for key and vulnerable populations. Key and vulnerable populations including mine workers remain most heavily affected by the epidemic.

## 7. CURRENT SITUATION

The **DMR** Annual Report for the year 2017/2018 indicated that of the 329 562 South African mining industry employees counselled for **HIV**, 62.5% opted to get tested. Despite the implementation of **DMR** 164 TB and **HIV** reporting form, **IPT** policy, and **HATOLD** policy, there is still a need for the South African mining industry to strengthen **HCT** uptake in order to achieve the 90-90-90 strategy by 2020.

### 7.1. Identified gaps and challenges

The following gaps and challenges have been identified as causes to the South African mining industry not being able to close the testing gap.

#### 7.1.1. Offering (promotion)

- a) Non-allocation of budget for **HIV** programmes by employers.
- b) Lack of engagement of key stakeholders, which results in lack of capacitation and participation.
- c) Lack of on-site facilities offering **HCT**.
- d) Lack of well spread wellness programme throughout the year - World AIDS Day (WAD) commemoration being held once a year with incentive driven participation.
- e) Inadequate **HIV** content during induction programmes.

- f) Lack of interventions targeting office personnel.
- g) Insufficient number of **HIV** and TB peer educators.

#### 7.1.2. Counselling

- a) Inadequate counselling skills for training and capacitation.
- b) Non-conducive environment for privacy and confidentiality.

#### 7.1.3. Testing

- a) Limited testing methods.
- b) Fear of testing due to fear of job loss.

#### 7.1.4. Treatment

- a) Inadequate provision of **HIV** treatment by employer.
- b) Non-satisfactory implementation of **IPT** Guideline.
- c) Lack of harmonised **HIV** treatment across the **SADC**.
- d) Stigma and discrimination leading to non-compliance and defaulting on treatment.
- e) Inadequate implementation of the Universal Test and Treat Policy.
- f) Non-availability of a tracking system of those who tested **HIV** positive using outsourced services.

### 8. **ASPECTS TO BE ADDRESSED IN THE GUIDANCE NOTE**

The **HCT** programme should cover the following:

#### 8.1. Policy issues related to **HIV**

- a) Implementation of the **HATOLD** policy.
- b) Implementation of the **WHO** test and treat policy.
- c) Implementation of **HTS** policy - optimise **PICT** and **CITC**.

#### 8.2. Resource allocation

- a) Budgeting for **HIV** programmes.
- b) Human resource, training and upskilling.
- c) Promoting quality standards in recording, reporting and tracking patient transfer between facilities and services.

- d) Introduction of new innovative testing methods (i.e. **HIV** Self-screening).

### 8.3. Governance and ownership

- a) Advocacy, education, communication and social mobilisation for the **HIV** programmes.
- b) Inclusion of adequate **HIV** content on induction programmes.

### 8.4. Leadership and shared accountability

- a) Diverse leadership and accountability in strengthening of **HCT** uptake.
- b) Sustainable programme - well spread wellness programme throughout the year.
- c) Participation and engagement of all relevant stakeholders through tripartism.

### 8.5. Stakeholder buy-in

- a) Engagement of key stakeholders to ensure full participation (multi-sectoral approach).

## 9. **MONITORING, EVALUATION AND REPORTING**

### 9.1. Periodical monitoring of number of employees:

- a) Offered **HCT**.
- b) Counselling.
- c) Tested.
- d) Linked to treatment.
- e) Encourage those who opted out to explore other available options.

### 9.2. Regular audits of the **HCT** Programme:

- a) Internal auditing (by the employer).
- b) Conducted by the Regulator (**DMR**) and State (**DoH**).
- c) External auditing by the Council (every five years).

### 9.3. The data needs to be collected and collated in a manner that will inform the data that goes into the **DMR 164 HIV** and TB reporting form and assist with other reporting requirements.

#### 9.3.1. Applicability of the indicator for the first 90 (90% of people living with **HIV** knowing their status) to apply it as 90% of the mining workforce knowing their **HIV** status.

- 9.3.2. The use of a unique identifier is recommended to eliminate duplication e.g. a person counselled and tested more than once should be counted once within a reporting period.
- 9.3.3. Companies to explore opportunities of adopting the TIER.net combined TB and **HIV** module.
- 9.4. Mining employers are encouraged to keep data at mine level to demonstrate the impact of the **HIV** uptake in relation to closing the testing gap.

## 10. REFERENCES

- a. **DMR** 164 reporting on **HIV** and TB.
- b. Draft concept paper on **HIV (HTS)** health screening campaign and TB index tracing.
- c. Guidance note for the implementation of **HIV** self-testing in the South African mining industry.
- d. Southern African **HIV** Clinicians Society: Guideline for South African **HIV** self-testing policy and guidance considerations.
- e. South Africa's **NSP** for **HIV**, TB and STIs 2017-2022.
- f. **WHO** test and treat policy.

## DEPARTMENT OF TRADE AND INDUSTRY

NO. 32

17 JANUARY 2020

**CO-OPERATIVES TO BE STRUCK OFF THE REGISTER**

1. MATHANJANA CO-OP LTD
2. INYATHUKO CO-OP LTD
3. CHUMANI CO-OP LTD
4. EMTHONJENI TRANSPORT CO-OP LTD
5. THE LIGHT CATERERS CO-OP LTD
6. EMPOLWENI CO-OP LTD
7. MASILINDANE CO-OP LTD
8. LWAZISE CO-OP LTD
9. ZIMNANDI CHICKENS CO-OP LTD
10. ZENZILE CO-OP LTD
11. NGENA CO-OP LTD
12. ST HELENA DESCENDANTS FARMERS CO-OP LTD
13. ACHIIB LIMPOPO SECONDARY CO-OP LTD
13. XOLISA CO-OP LTD
14. JAJU MADIBA TRAVELING AND TOURISM CO-OP LTD
15. GUGU LETHU CO-OP LTD
16. AMAQUTHU AKWAHLABISA ART AND CRAFTS CO-OP LTD
17. TSAKANI MZINTI POULTRY FARMING PRIMARY AGRICULTURAL CO-OP LTD
18. SIYAMDUMISA CO-OP LTD
19. MQONCI AGRICULTURE CO-OP LTD
20. MAFULOMAJANGMANAANA AGRICULTURAL CO-OP LTD
21. IMVANO-LWAZI CO-OP LTD
22. IMBOKODO EBOMVU CO-OP LTD
23. MAKHUKHULA CO-OP LTD
24. CAMERA VIEW PICTURE WORLD CO-OP LTD
25. NKANDLA LINEN AND EMBROIDERY PROJECT CO-OP LTD
26. RAMATLABAMA AGRICULTURAL MARKET CO-OP LTD
27. DOTYENI TRADING CO-OP LTD
28. THOLUKUKHANYA CO-OP LTD
29. ZAKHELE IKUSASA POULTRY CO-OP LTD
30. BOKAMOSONG BA BATSHA MULTI-PURPOSE CO-OP LTD

Notice is hereby given that the names of the abovementioned co-operatives will, after the expiration of sixty days from the date of this notice, be struck off the register in terms of the provisions of section 73(1) of the Co-operatives Act, 2005 as amended and the co-operatives will be dissolved unless proof is furnished to the effect that the co-operatives are carrying on business or are in operation.

Any objections to this procedure, which interested persons may wish to raise, must together with the reasons therefore, be lodged with this office before the expiration of the period of sixty days.

**REGISTRAR OF CO-OPERATIVES**

Office of the Registrar of Co-operatives  
Dti Campus  
77 Meintjies Street  
**Pretoria**  
0002

Private Bag X237  
**Pretoria**  
0001



## DEPARTMENT OF TRADE AND INDUSTRY

NO. 33

17 JANUARY 2020

**EXTENSION OF THE OR TAMBO INTERNATIONAL AIRPORT SPECIAL  
ECONOMIC ZONE TO INCORPORATE THE TSHWANE AUTOMOTIVE HUB  
SPECIAL ECONOMIC ZONE**

I, Ebrahim Patel, Minister of Trade and Industry, hereby extend the OR Tambo International Airport Special Economic Zone in terms of the Special Economic Zones Act No. 16 of 2014, to incorporate the Tshwane Automotive Hub Special Economic Zone, which land area is located in Silverton, 19.4 Km east of the City of Tshwane. The total land area of the expansion is 162.6 Ha, bordered on the north and east by the Moretele View, Naledi and Nellmapius residential areas and the Mamelodi Hospital, to the south by the R506 and to the west by the Waltloo Industrial Estate.

The Tshwane Automotive Hub Special Economic Zone comprises of: Phase 1, portion 89 of the farm The Willows 340JR, is bordered on the north by an existing railway line, on the south by erf 601/340, on the east by Nellmapius residential area, on the west by Samcor Park. Phase 2, portion 3 of the farm The Willows 340JR, is bordered on the north by erf 601/340, on the south by Bronkhorstspuit Road, on the east by Nellmapius residential area and on the west by Chrysler Park.

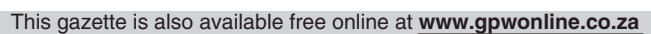
A table listing the Erf numbers and maps indicating the boundaries of the SEZ is attached as Annexure A.



**Ebrahim Patel**  
**Minister of Trade and Industry**  
20 / 11 / 2019

**Annexure A: Table with Erf numbers**

DESCRIPTION	ERF NO.	EXTENT (ha)
Phase 1	Portion 89 of the farm The Willows 340JR	81.6
Phase 2	Portion 3 of the farm The Willows 340JR	81
<b>TOTAL EXTENT</b>		<b>162.6</b>





## DEPARTMENT OF WATER AND SANITATION

NO. 34

17 JANUARY 2020

**NOTICE TO INSTALL WATER MEASURING DEVICES FOR WATER TAKEN FOR IRRIGATION PURPOSES AND TO MONITOR COMPLIANCE WITH GOVERNMENT NOTICE NO. 131 OF 2017: ALL WATER USERS WHO ARE NOT MEMBERS OF AN IRRIGATION BOARD OR WATER USERS ASSOCIATION IN ALL WATER MANAGEMENT AREAS.**

I, Mbulelo Tshangana, in my capacity as Acting Director-General of the Department of Water and Sanitation, based on available information believe that as a country we have a higher water demand compared to the available supply and that efficient water use is important to ensure sustainability of use. This instruction is issued in terms of Section 26(1) (b) Schedule 3, item 4 of the as well as Section 22(2) of the National Water Act, Act No.36 of 1998.

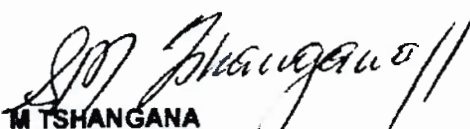
The Department of Water and Sanitation instructs all water users who are not members of an Irrigation Board or Water Users Association, at the water user's expense to install water measuring devices for all the water taken for commercial irrigation purposes according to Government Gazette Notice No. 131 of 2017 within 30 working days of this notice. The selection, installation, operation and maintenance of water measuring devices should comply with the provisions of Government Gazette Notice No. 131 of 2017.

Water measurement records to be submitted on monthly bases and in accordance to the Regulations (Government Gazette Notice No.131 of 2017) to:-

[metering.inksuthu@dws.gov.za](mailto:metering.inksuthu@dws.gov.za)  
[metering.olifants@dws.gov.za](mailto:metering.olifants@dws.gov.za)  
[metering.inksuthu@dws.gov.za](mailto:metering.inksuthu@dws.gov.za)  
[metering.vaal@dws.gov.za](mailto:metering.vaal@dws.gov.za)  
[metering.orange@dws.gov.za](mailto:metering.orange@dws.gov.za)  
[metering.pongomzi@dws.gov.za](mailto:metering.pongomzi@dws.gov.za)  
[metering.mziisi@dws.gov.za](mailto:metering.mziisi@dws.gov.za)  
[metering.breego@dws.gov.za](mailto:metering.breego@dws.gov.za)  
[metering.bergoli@dws.gov.za](mailto:metering.bergoli@dws.gov.za)

Limpopo WMA  
Olifants WMA  
Inkomati-Usuthu WMA  
Vaal WMA  
Orange WMA  
Pongola-Mzimkulu WMA  
Mzimvubu-Tsitsikama WMA  
Breede-Gouritz WMA  
Berg-Olifants WMA

The reporting format and guidelines on measurement of the volumes of water taken from the water resources for irrigation purposes for the water user are available on the following address:  
<http://ws.dwa.gov.za/ncims/Documents.aspx>.

  
**M TSHANGANA**  
**ACTING DIRECTOR GENERAL**  
**DATE:** 27/10/2019

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GENERAL NOTICES • ALGEMENE KENNISGEWINGS

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## ECONOMIC DEVELOPMENT DEPARTMENT

## NOTICE 8 OF 2020

**INTERNATIONAL TRADE ADMINISTRATION COMMISSION OF SOUTH AFRICA**

**Rebate item 460.11/00.00/01.00: Used overcoats, car-coats, raincoats, anoraks, ski-jackets, duffle coats, mantles, three-quarter coats, greatcoats, hooded caps, trench coats, gabardines, padded waistcoats and parkas (but no other clothing articles) classifiable under tariff headings 61.01, 61.02, 62.01, 62.02 and 6309.00.13 in such quantities, at such times and subject to such conditions as the International Trade Administration Commission may allow by specific permit**

ITAC hereby invites new importers to submit permit applications in terms of the abovementioned rebate provision, for 2020, within three (3) weeks from the date of this publication.

It is imperative that new importers acquaint themselves and comply with the interim guidelines, rules and conditions pertaining to the rebate provision concerned, which are attached hereto together with the relevant Application form, which are also available on ITAC's website at [www.itac.org.za](http://www.itac.org.za), before applying for a rebate permit.

Hard copies of the original duly completed applications for rebate permits must either be:

Posted/couriered to:

The International Trade Administration Commission of South Africa (ITAC), Private Bag X 753, Pretoria, 0001; or

Hand delivered to:

The DTI Campus, (Block E, 1<sup>st</sup> Floor), 77 Meintjies Street, Sunnyside, Pretoria.

**Note: Goods imported under this rebate item require both rebate and import permits. It is therefore advisable that permits in relation to rebate provisions, which are subject to a permit being issued by ITAC, be applied for and received before the goods concerned are cleared.**

**For enquires contact:** Mr Christopher Sako, email: [csako@itac.org.za](mailto:csako@itac.org.za), Tel: (012) 394 3669, Tel: (012) 394 3672 or Ms Kokami Legodi email: [klegodi@itac.org.za](mailto:klegodi@itac.org.za), Tel: (012) 394 3812., Mrs Edith Ayanda Gandi, email: [endou@itac.org.za](mailto:endou@itac.org.za), Tel: (012) 394 3672 and Ms Tshepiso Morale, email: [tmorale@itac.org.za](mailto:tmorale@itac.org.za), Tel: (012) 394 3694

**INTERIM GUIDELINES, RULES AND CONDITIONS**

**GUIDELINES, RULES AND CONDITIONS PERTAINING TO PERMITS ISSUED UNDER REBATE ITEM 460.11/00.00/01.00 FOR USED OVERCOATS, CAR-COATS, RAINCOATS, ANORAKS, SKI-JACKETS, DUFFLE COATS, MANTLES, THREE-QUARTER COATS, GREATCOATS, HOODED CAPS, TRENCH COATS, GABARDINES, PADDED WAISTCOATS AND PARKAS (BUT NO OTHER CLOTHING ARTICLES) CLASSIFIABLE UNDER TARIFF HEADINGS 61.01, 61.02, 62.01, 62.02 AND 6309.00.13 IN SUCH QUANTITIES, AT SUCH TIMES AND SUBJECT TO SUCH CONDITIONS AS THE INTERNATIONAL TRADE ADMINISTRATION COMMISSION MAY ALLOW BY SPECIFIC PERMIT.**

1. Applicants must register with the South African Revenue Service (SARS) as an importer before applying for a rebate permit under rebate item 460.11/00.00/01.00.
2. Applications for rebate permits must be addressed to the International Trade Administration Commission of South Africa (ITAC), Private Bag X 753, Pretoria or delivered by hand to the DTI Campus, (Block E), 77 C/o Meintjies street and Robert Sobukwe Street, Sunnyside, Pretoria, 0002.
3. Applications for permits must be submitted according to the requirements laid down in the application form. If the space provided in the application form is insufficient, please use the format of the application form to submit the requested information.
4. If all the information requested in the application form is not submitted, the application will be deemed as deficient and the application will not be considered, and it will be returned to the applicant.
5. At least fourteen (14) working days should be allowed for the processing of applications and the issuing of permits.
6. Used overcoats are subject to Import Control conditions and an import permit will only be issued in instances where a rebate permit has already been obtained.
7. Each rebate permit issued defines the period during which the goods concerned can be cleared under rebate. The period shall be from the date when the permit is issued in the prevailing year until 31 December of the same year. This period shall apply to both new and existing importers and shall be for a shorter period if so requested by the applicant or so decided by ITAC. Permits for the next period may be issued with effect from 01 January every year until 31 December, unless otherwise determined by ITAC. Where applications are not received in time for issuing from 01 January to 31 December, permits will be issued for the remainder of the year until 31 December.
8. Rebate and Import Control permits may not be transferred in any manner by the holder thereof to any other person or entity, or be used to the benefit of any person or entity not named in the permits.
9. Permit holders are not allowed to import used overcoats and then sell the imported coats directly to a person or entity which is owned by or who is owned by any related party, person or entity set out in Section 2 of the Companies Act.
10. Applications submitted in terms of this rebate provision will be subject to the following requirements:
  - 10.1 The applicant must provide a formal letter on business letterhead confirming that the applicant complies with labour laws, regulations and agreements gazetted by the Minister of Labour.
  - 10.2 The applicant must provide, in each permit application, the number of jobs it expects to create annually as a result of the rebate. The applicant must submit to ITAC an annual report on its job creation performance.

- 10.3 Proof of UIF registration must be provided by submitting a certified copy of UIF registration. Furthermore, proof need to be provided that all the permanent workers employed as registered for UIF and that the UIF payments are made to SARS.
- 10.4 Proof must be provided that salaries are being paid (permanent as well as temporary workers) as well as certified copies of ID documents must be submitted. In this regard certified copies of salary slips need to be provided as well as certified proof of payment of these salaries.
- 10.5 Certified copies of bank statements need to be provided as proof of payment of UIF and salaries. Bank accounts must be in the name of the applicant.
- 10.6 Certified copies of employment contracts need to be provided as proof of employment of permanent employees.
- 10.7 The applicant must provide their Companies and Intellectual Property Commission (CIPC) registration document as proof of registration.
- 10.8 The applicant must submit a valid Tax Clearance and VAT Certificate (NB: VAT certificate (NB: VAT certificate only applicable based on annual turnover). In line with the VAT Act, applicants must be registered for VAT if the income earned in any consecutive twelve month period exceeded or is likely to exceed R1 million. In addition, an enterprise which has not made R50 000 in taxable supplies must register for VAT, if there is a reasonable expectation to exceed R50 000 in taxable supplies within the 12 month period from date of registration.
- 10.9 Certified invoices as proof of sales must be provided.
- 10.10 New importer's business premises will be visited by inspectors of the Inspectorate: Import and Export Control prior to the consideration of the application. Existing importer's business premises will be visited should it be deemed necessary.
- 10.11 Applicants must provide municipal proof of its registered address as listed in the business CIPC documents.
- 10.12 Applicants must provide proof of country of import and proof that they have secured supply from abroad;
- 10.13 Where an entity is owned or partly owned by a person or persons who are non-citizens or non-residents of RSA, or these persons own any shareholding in such entity, applications should be accompanied by certified copies of the following documentation:
  - 10.13.1 South African Identity issued document and passport;
  - 10.13.2 Valid Business Visa and a letter of recommendation from the Department of Trade and Industry (thedti);
  - 10.13.3 Proof of extension of permanent residence, and
  - 10.13.4 Any other information as ITAC may require.

Applicants shall not be related to any existing importers or current permit holders in any way. Note that the definition of related parties in terms of Section 2 of the Companies Act 70 of 2008 and Section 66 (2) of the Customs and Excise Act 91 of 1964 (as amended) apply to these applications and ITAC reserves the right to request whatever appropriate and relevant information it deems necessary to properly evaluate each of the applications submitted. Also for Tax purposes, the Customs and Excise Act, Section 66 (2) (i) – (viii)'s objective is to ensure that no two people use the Act to derive the same benefit on a multiple scale.

11. Please note that in terms of Section 66 (2)(a) of the Customs and Excise Act, two persons shall be deemed to be related, *inter alia*, when:

- (i) they are officers or directors of one another's businesses;

- (ii) they are legally recognized partners in business;
  - (iii) the one is employed by the other;
  - (iv) any person directly or indirectly owns, controls or holds five per cent or more of the equity share capital of both of them;
  - (v) one of them directly or indirectly controls the other;
  - (vi) both of them are directly or indirectly controlled by a third person;
  - (vii) together they directly or indirectly control a third person; or
  - (viii) they are members of the same family.
12. The take-over or sale of a business as a going concern, which deals, in among others, with worn overcoats subject to such rebate permit; shall warrant the permit holder first to notify ITAC of such sale as rebate permits or the allocated quota issued under such permit are not transferrable without the prior approval of ITAC on application made in terms of Section 26 showing demonstrable good cause why such permit should be transferred or re-allocated to the new entity or its management.
13. Permit holders shall not operate or conduct business from or store their goods cleared in terms of the permit on the same premises. All importers that are companies or closed corporations must submit their company or close corporation registration documents, and ITAC reserves the right to verify the shareholding or membership of the companies or close corporations with the Companies and Intellectual Property Commission (CIPC).
- 13.1 "Premises" include a warehouse, office, establishment, store, shop, quarters and dwelling".
14. An entity will be deemed a new importer where:
- 14.1 That entity applies for a permit with ITAC for the first time under this rebate item and is not linked in any way to an existing participant under this rebate (**In respect to this category importers will be limited to 5**); or
- 14.2 An entity that has previously utilised a permit under this rebate provision but has not applied for another permit under this rebate provision for a period of one year following the issue of the aforementioned permit. (**In respect of this category importers will be limited to 5**).
15. The quantity of overcoats to be imported by each importer will be limited and the criteria that will be used for the allocation of the quantity of overcoats that each importer may import under this rebate item will be as follows:
- Existing Importers**
- The quantity imported during the validity of the rebate permit period will be used as the basis for allocation of quota for the current application.
  - Importers will only be allowed the same quantities as the quantity allocated in the previous rebate permit, with no quota increase.
- New Importers**
- The quota for new importers will be limited to a maximum of 20 000kg. In terms of this category the number of importers will be limited to 5.
  - The 20 000 kg quota for new users of this rebate item will be allocated on a first come first serve basis and ITAC reserves the right to reject the applications in cases where the quota for the year approved by the Commission for use by new importers under this rebate item is fully issued to applicants.
16. All applicants for rebate permits under this rebate item must also apply for an import permit, for the same period, to import the used or second hand overcoats and no rebate permits will be released without the import permit. The rebate permit issued will also be subject to the conditions contained in the import permit issued.
17. It is a condition of permits issued in terms of the rebate provision that the holder of this permit must notify the Manager of the Directorate Import and Export Control Mr D Daniels; e-mail:



ddaniels@itac.org.za, Tel: (012): 394 3606 and Fax: (012) 394 4606 in writing of the date of shipment, the place of arrival and the expected date of arrival of all consignments at least 7 days.

18. All users of rebate permits under this rebate item must inform ITAC without delay if any consignment imported by the permit holder under this rebate item contains clothing items not defined in this rebate item. These clothing items must be kept separate from the rest of the clothing items imported under this rebate item or any other clothing items in possession of the permit holder and may not be removed until officials of ITAC had an opportunity to inspect these items. ITAC in consultation with the importer and SARS will decide how to dispose of the clothing items incorrectly imported under this rebate item.
19. If a *prima facie* case is established that any condition of this permit has not been complied with, the consignment in terms of which the rebate permit was issued may be seized by ITAC. If it is established that there was non-compliance, appropriate steps will be taken. These steps will be taken in terms of the International Trade Administration Act and the Customs and Excise Act, and can include criminal charges, withdrawal of the permit or permits concerned and/or the rejection of future applications for permits.

## INTERNATIONAL TRADE ADMINISTRATION COMMISSION OF SOUTH AFRICA

### APPLICATION FOR A PERMIT IN TERMS OF REBATE ITEM 460.11/00.00/01.00 FOR REBATE OF DUTY ON USED OVERCOATS

#### APPLICATION FORM

BEFORE COMPLETING THIS FORM, PLEASE ACQUAINT YOURSELF WITH THE  
GUIDELINES AND CONDITIONS PERTAINING TO REBATE ITEM  
460.11/00.00/01.00

**NB: ALL INFORMATION REQUESTED SHOULD BE FURNISHED**

<p>1 (a). Applicant's name (Company):</p> <p>Contact Person:.....</p> <p>Position:.....</p> <p>Postal Address:.....</p> <p>Tel No:.....</p> <p>Fax No:.....</p> <p>Date completed:.....</p> <p>Email add:.....</p> <p>VAT Registration No:.....</p> <p>SARS Importer Registration No:.....</p> <p>(No application for this rebate provision will be considered for applicants utilising the "unallocated importers reference number i.e. 70707070)</p>	<p>1(b). Physical address where used overcoats bales will be stored and sold: This address must be the address that ITAC will verify in case where verification visit may be conducted.</p>
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2. Details of product in respect of which a rebate permit is required with regards to categories: Men's, Ladies, Boy's or girls'

Overcoats	Duty payable	Quota applied for	Estimated customs FOB value	Country of origin
1. Men's				
2. Ladies'				
3. Boy's				
4. Girls'				

3. Furnish the following information in respect of the value of total sales in the Southern African Customs Union (SACU) for the past three years in respect of the overcoats imported under this rebate.

Year	Overcoats: Men's, Ladies', Boy's and Girls'	Total quantity	Total Sales (in SACU)
1.			

4. Copies of the relevant DA500 (for previous permit) and import permit in terms of the International Trade Administration Act of 2002 should be submitted as per schedule below.

### SCHEDULE 1

Bill of Entry (DA 500) No	Date of Entry	Quantity: Number of Items	FOB Value
1.			

5. Provide information pertaining to the number of jobs the firm will create annually as a result of this rebate. (*Submit with the application a letter signed by the Chief Executive Officer providing a report on job creation performance*)
6. Name of Chief Executive Officer:.....  
Tel No:.....Fax No:.....

### AFFIDAVIT IN RESPECT OF AN APPLICATION FOR A PERMIT IN TERMS OF REBATE PROVISION 460.11/00.00/01.00 OF SCHEDULE 4 TO THE CUSTOMS AND EXCISE ACT, 1964

**NB:** The obligation to complete and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the claimant

I, ..... (full names) with identity number ....., in my capacity as – managing director/chief executive (in respect of a company) or senior member/ person with management responsibility (close corporation, partnership or individual)  
(Delete whichever is not applicable)

of ..... (hereinafter referred to as the applicant) hereby declare that –

- a) the applicant complies with prescribed requirements in order to qualify for rebate in terms of the above-mentioned rebate provision;
- b) I have satisfied myself that the preparation of the application has been done in conformity with the guidelines and requirements in respect of the above-mentioned rebate provision, with which I have fully acquainted myself and to which I unconditionally agree;
- c) I accept that the decision by the Chief Commissioner: International Trade Administration Commission will be final and conclusive and that the said Chief Commissioner may at any time conduct or order that an investigation to verify information furnished in the application form, be conducted;
- d) The information furnished in this application is true and correct.
- e) The applicant is not related to any other rebate and import permit holder(s) in terms of the above-mentioned rebate provision, as set out in the guidelines pertaining to the rebate provision.
- f) The applicant or any one of its associates, or related party is not the subject of an investigation by either the South African Police Service, the Office for Serious Economic Offences, International Trade Administration Commission, or the Commissioner for South African Revenue Service (SARS) into previous claims or other related matters.
- g) I confirm that the applicant complies/ does not comply with the relevant labour laws and agreement gazetted by the Minister of Labour.

**NAME:** ..... **DESIGNATION:** .....

**SIGNATURE:** ..... **DATE:**.....

**I CERTIFY THAT THE DEPONENT HAS ACKNOWLEDGED THAT HE/SHE KNOWS AND UNDERSTANDS THE CONTENTS OF THIS AFFIDAVIT, AND THAT HE/SHE HAS NO OBJECTION TO TAKING THE PRESCRIBED OATH, AND THAT HE/SHE CONSIDERS THIS OATH TO BE BINDING ON HIS/HER CONSCIENCE.**

**SIGNED and SWORN before me at ..... on this ..... Day of ..... Year.**

**COMMISSIONER OF OATHS.....FULL NAMES.....**

**CAPACITY:** .....

**BUSINESS**

**ADDRESS:**

.....  
 .....  
 .....**AREA**.....

**DEPARTMENT OF TRANSPORT****NOTICE 9 OF 2020****AIRPORTS COMPANY SOUTH AFRICA LIMITED**

AIRPORTS COMPANY ACT, 1993 (ACT No. 44 OF 1993), AS AMENDED

**PUBLICATION OF AIRPORT CHARGES**

In terms of section 5 (2) (f) of the Airports Company Act, 1993 (Act No. 44 of 1993), as amended, it is hereby published for general notice that as from 1 April 2020, the Airports Company South Africa Limited, Reg. No. 1993/04149/06, will levy the airport charges set out in the Schedule by virtue of a permission granted in terms of section 12 of the said Act.

**F SITHEBE**  
**ACTING CHIEF EXECUTIVE OFFICER**

**SCHEDULE****AIRPORT CHARGES****1. Liability to pay airport charges**

- (1) Subject to the provisions of these rules, airport charges shall be payable by the operator of an aircraft to the Company.
- (2) Airport charges consist of: -
  - (a) a landing charge, payable at the company airport where a flight terminates;
  - (b) a parking charge, payable at the company airport where an aircraft is parked;
  - (c) a passenger service charge collected by the operator and payable at the company airport where a flight commences.
- (3) Subject to the provisions of these rules, the tariff of landing, parking and passenger service charges shall be as set out in Annexures A, B and C, respectively.

**2. Notification of movement of aircraft and payment of charges**

- (1) Immediately after an aircraft has landed on a company airport the operator of that aircraft shall give notice to the airport manager, in the form provided by the latter for the purpose, of the time of arrival of that aircraft together with such other information as such operator is required by the airport manager to furnish when completing the notice in the said form.
- (2) Immediately before an aircraft is to take off from a company airport the operator of that aircraft shall give notice to the airport manager, in the form provided by the latter for the purpose, of the expected time of departure of that aircraft, supply such other information as such operator is required by the airport manager to furnish when completing the notice in the said form and pay all airport charges payable to the airport manager, unless such operator has previously entered into an agreement with the Company for payment.

- (3) The aircraft operator who has in terms of sub rules (1) and (2), given notice to the airport manager of the arrival or expected departure of that aircraft, shall, as soon as such operator becomes aware of any variation in the information furnished by him in the said notice advise the airport manager of such variation.
- (4) The operator shall pay the appropriate charges for the landing, taking-off and parking of an aircraft, as set out in the schedules of charges. The operator shall also pay for any supplies, services or facilities provided to him or to the aircraft at the airport by or on behalf of the Company at the charges determined by the Company. All charges referred to in this paragraph shall accrue on a daily basis and shall become due on the day they were incurred and shall be payable to the Company on demand and in any event before the aircraft departs from the airport unless otherwise agreed to by the Company (which agreement may be withdrawn at any time at the sole discretion of the Company) or unless otherwise provided for in terms for payment included in the invoice for such charges.
- (5) Payment shall be made without deductions (including taxes or charges). If the applicable law requires any tax or charge to be deducted before payment the amount shall be increased so that the payment made will equal the amount due to the Company as if no such tax or charge had been imposed.
- (6) All sums due which are not paid on the due date shall bear interest from day to day at prime overdraft rate from the date when such sums were due until date of payment (both dates inclusive).
- (7) Where an aircraft operator has not used the airport in the previous 12 months (as calculated from the date that the operator proposes to commence operations), the airport manager will, require a deposit to be lodged with the Company before any flights by that operator commence. Any such deposit shall be paid to the Company and shall be in such a sum as the airport manager shall consider to be equivalent to the anticipated charges that the aircraft operator shall incur (based on the anticipated frequency and type of aircraft used and type of flight planned) for 3 months by that operator. Such deposit or the balance then remaining shall be refunded to the operator when the operator ceases to operate any flights from the airport subject to the right of the Company (which is hereby reserved) to set off against any such deposit any appropriate charges that have not been settled in accordance with the above provisions.
- (8) The operator shall not without the express written consent of the Company be entitled in respect of any claim he/she may have against the Company or otherwise to make any set off against or deduction from the charges provided for in this notice. He/she must pay such charges in full pending resolution of any claim.
- (9) Any queries relating to invoices should be logged with the credit control department at the relevant airport in writing within sixty days of the invoice date. Contact numbers are shown on all invoices and statements.

### 3. Data

- (1) The operator or its designated agent shall furnish on demand, in such form as the Company may from time to time determine:
  - a. Information relating to the movements of its aircraft or aircraft handled by the agent at the airport of the Company within 24 hours of each of these movements. This will include information about the total number of passengers per category, embarked and disembarked at the airport, total freight and mail carried in kilograms, IATA/ICAO prefix and local airport SITA address of the operator who is to be invoiced.

- b. Details of the maximum design take-off weight in respect of each aircraft owned or operated by the operator.
  - c. Any changes in the maximum design take-off weight of each aircraft owned or operated by the operator.
- (2) The operator or its designated agent shall also provide to the Company details of all aircraft operators by timely transmission of complete and accurate operational data preferably by automatic electronic means using (and conforming to) IATA messaging and communications standards.
- (3) The required operational data includes:
  - a. aircraft registration (including aircraft substitutions)
  - b. variation to schedule (including flight number, aircraft type, route and scheduled time of operation)
  - c. estimated times of operation
  - d. actual times on and off stand
  - e. stand departure delays greater than 15 minutes
- (4) The Company may request in writing, within 60 days, copies of aircraft load sheets to enable verification of all details with respect to the passengers carried on any or all flights departing from that airport during a specified period and extracts from aircraft flight manuals to enable verification of aircraft weight. The operator shall, following a request in writing made by the Company, supply it with the original copies of such documents.
- (5) The operator shall inform the Company of details regarding the configuration of their aircraft and to notify the Company when any changes to these configurations occur.
- (6) Where the operator, or its handling agent, fails to provide the information required in paragraph 3(1) within the period stipulated herein, the Company shall be entitled to assess, at its sole discretion the charges payable hereunder by the operator by reference to the maximum take-off weight and the maximum passenger capacity of the aircraft type.

#### **4. Landing Charges**

- (1) The landing charges set out in paragraph 2 of Annexure A shall only apply to an aircraft engaged in a flight which commenced at an airport within one of the States or territories mentioned in that paragraph and: -
  - (a) where the operator of such aircraft has the right, granted by the South African aeronautical authority, to take on passengers, cargo or mail at the said airport of departure and to discharge those passengers or at that cargo or mail at the company airport where the flight terminated; or
  - (b) where, notwithstanding the provisions of sub rule (2), the flight immediately preceding such flight commenced at an airport within the Republic, irrespective of whether or not the right referred to in subparagraph (a) has been granted to the operator of such aircraft.
- (2) If an aircraft is engaged in a flight between an airport within one of the States or territories mentioned in paragraph 2 of Annexure A and a company airport, and the operator of that aircraft does not have the right referred to in sub rule (1), then the previous airport from where such aircraft took off and where such right has been granted to such operator, shall be deemed to be the airport of departure for the purpose of calculating the appropriate landing charge when landing at that company airport.
- (3) A landing charge in respect of a helicopter shall be 20 per cent of the appropriate landing charge prescribed and set out in Annexure A, for an aircraft of equal maximum certificated mass.

- (4) When a landing is carried out solely for the purpose of aircrew training, the landing charge shall be 20 per cent of the appropriate charge set out in Annexure A.
- (5) When a landing is carried out solely for the purpose of military training, the landing charge shall be 10 per cent of the appropriate charge set out in Annexure A.

#### **5. Parking charges**

- (1) A parking charge shall be payable after an aircraft has been parked at a company airport for a period exceeding four hours: Provided that the parking charge payable shall be doubled if such aircraft has been parked at any company airport at a parking bay where a passenger loading bridge is in operation.
- (2) A parking charge shall be calculated for any period of 24 hours or any part thereof from 4 hours for which an aircraft has been parked.

#### **6. Passenger service charges**

- (1) The passenger service charge collected and payable by the operator shall be calculated on the basis of the number of embarking passengers on an aircraft and the appropriate tariff applicable to each passenger as set out in Annexure C.
- (2) The following passengers shall not be regarded as embarking passengers:
  - (a) a passenger who does not disembark from an aircraft after such an aircraft has landed at a company airport and who remains on board that aircraft until such aircraft takes off from that company airport; or
  - (b) a passenger who is not older than two years of age.

#### **7. General rules**

- (1) Airport charges shall be payable in respect of South African and foreign state aircraft unless other provision has been made by means of an agreement with the Company.
- (2) No airport charge shall be payable in respect of: -
  - (a) an aircraft engaged in any flight for the calibration of any air navigation infrastructure;
  - (b) an aircraft engaged in search and rescue operations; and
  - (c) an aircraft engaged in a test flight, when such flight is required by the Commissioner for Civil Aviation in terms of the regulations made under the Aviation Act, 1962 (ACT No. 74 of 1962), for the purpose of issuing or rendering effective a certificate of airworthiness or after any major modification to an aircraft.

#### **8. Interpretation**

For the purposes of these rules, unless the context otherwise indicates: -

- (a) "aircraft" means an aircraft as defined in section 1 of Aviation Act, 1962;
- (b) "air navigation infrastructure" means air navigation infrastructure as defined in section 1 of the Air Traffic and Navigation Services Company Act, 1993 (Act No. 45 of 1993);
- (c) "airport" means an airport as defined in section 1 of the Aviation Act, 1962, and includes a company airport;
- (d) "airport charge" means a landing charge, a parking charge and a passenger service charge;
- (e) "airport manager" means a person designated by the Company for the purpose of these rules;



- (f) "Company" means the Airports Company South Africa Limited.
- (g) "company airport" means a company airport as defined in section 1 of the Airports Company Act, 1993 (Act No. 44 of 1993);
- (h) "crew member" means a person assigned by an operator to do duty on an aircraft during flight time;
- (i) "flight" means a flight as defined in regulation 1.3 of the Air Navigation Regulations, 1976, as amended;
- (j) "helicopter" means a helicopter as defined in regulation 1.3 of the Air Navigation Regulations, 1976, as amended;
- (k) "international flight" means a flight which commences or terminates at an airport outside the Republic;
- (l) "maximum certificated mass" means a maximum certificated mass as defined in regulation 1.3 of the Air Navigation Regulations, 1976, as amended;
- (m) "operator", in relation to an aircraft, means: -
  - 1. a licensee as defined in section 1 of the Air Services Licensing Act, 1990 (Act No. 115 of 1990), or an air carrier as defined in section 1 of the International Air Services Act, 1949 (Act No. 51 of 1949);
  - 2. any airline of another State which operates a scheduled international air transport service in terms of a bilateral agreement as contemplated in section 2 (2) (a) of the International Air Services Act, 1949; or any person who uses an aircraft under an authorisation by the Commissioner for Civil Aviation as contemplated in section 2 (2A) of the said Act;
  - 3. the owner of such aircraft;
- (n) "owner", in relation to an aircraft, means the person in whose name such aircraft is registered and includes any person who is or has been acting as agent in the Republic for a foreign owner, or a person by whom such aircraft is hired at the time;
- (o) "passenger" means any person other than a crew member on board an aircraft in flight;
- (p) "state aircraft" means any state aircraft as contemplated in article 3 of the Convention of International Civil Aviation signed at Chicago on 7 December 1944.

**AIRPORT CHARGES: LANDING CHARGES**

1. The landing charge in respect of an aircraft which lands at a company airport and which has been engaged in a flight where the airport of departure of the that aircraft was within the Republic:

Maximum Take-off Weight (MTOW) in kg of the aircraft up to and including:-	Per single landing	
	VAT	
	Exclusive	Inclusive
	R	R
500.....	59.06	67.92
1 000.....	87.55	100.69
1 500.....	111.94	128.73
2 000.....	135.18	155.46
2 500.....	159.54	183.48
3 000.....	183.91	211.49
4 000.....	256.67	295.18
5 000.....	327.48	376.60
6 000.....	399.07	458.93
7 000.....	472.94	543.88
8 000.....	544.19	625.81
9 000.....	612.29	704.14
10 000.....	687.72	790.88
and thereafter, for every additional 2 000 kg or part thereof.....	103.99	119.58

2. The landing charge in respect of an aircraft which lands at a company airport and which has been engaged in a flight where the airport of departure of that aircraft was within Botswana, Lesotho, Namibia or Swaziland:

Maximum Take-off Weight (MTOW) in kg of the aircraft up to and including:-	Per single landing	
	VAT	
	Exclusive	Inclusive
	R	R
500.....	66.59	76.58
1 000.....	103.18	118.66
1 500.....	145.81	167.68
2 000.....	184.66	212.36
2 500.....	224.28	257.92
3 000.....	264.99	304.73
4 000.....	360.96	415.10
5 000.....	455.83	524.20
6 000.....	549.86	632.34
7 000.....	646.19	743.12
8 000.....	739.84	850.82
9 000.....	833.93	959.02
10 000.....	930.24	1069.78
and thereafter, for every additional 2 000 kg or part thereof.....	154.61	177.80

3. The landing charge in respect of an aircraft which lands at a company airport and which has been engaged in a flight where the airport of departure of that aircraft was within the State or territory other than those mentioned in paragraph 1 and 2:

Maximum Take-off Weight (MTOW) in kg of the aircraft up to and including:-	Per single landing	
	VAT	
	Exclusive	Inclusive
	R	R
500.....	74.29	85.43
1 000.....	119.17	137.05
1 500.....	179.35	206.25
2 000.....	233.41	268.42
2 500.....	288.65	331.95
3 000.....	345.35	397.15
4 000.....	466.06	535.97
5 000.....	583.76	671.32
6 000.....	700.25	805.29
7 000.....	818.71	941.51
8 000.....	934.80	1075.02
9 000.....	1 053.63	1211.68
10 000.....	1 172.81	1348.73
and thereafter, for every additional 2 000 kg or part thereof.....	205.21	235.99

## ANNEXURE B

### AIRPORT CHARGES: PARKING CHARGES

Maximum Take-off Weight (MTOW) in kg of the aircraft up to and including:-	Per 24 hours or part thereof	
	VAT	
	Exclusive	Inclusive
	R	R
2 000.....	44.65	51.35
3 000.....	91.82	105.59
4 000.....	130.73	150.34
5 000.....	179.50	206.42
10 000.....	264.29	303.93
15 000.....	347.52	399.65
20 000.....	438.07	503.78
25 000.....	522.90	601.34
50 000.....	691.73	795.49
75 000.....	860.97	990.12
100 000.....	1 032.25	1 187.08
150 000.....	1 298.58	1 493.37
200 000.....	1 567.03	1 802.08
300 000.....	1 791.60	2 060.34
400 000.....	2 256.52	2 595.00
And thereafter, for every additional 100 000 kg or part thereof.....	347.52	399.65

**ANNEXURE C****AIRPORT CHARGES: PASSENGER SERVICE CHARGES**

	VAT	
	Exclusive	Inclusive
	R	R
1. Passenger service charge per embarking passenger where such passengers will disembark from the aircraft at an airport within the Republic.....	75.44	86.75
2. Passenger service charge per embarking passengers where such passengers will disembark from the aircraft at an airport within Botswana, Lesotho, Namibia or Swaziland.....	157.02	180.57
3. Passenger service charge per embarking passenger where such passengers will disembark from the aircraft within any State or territory other than those mentioned in paragraphs 1 and 2.....	207.02	238.07

## BOARD NOTICES • RAADSKENNISGEWINGS

## BOARD NOTICE 1 OF 2020

*Agricultural Research Council***NOMINATION OF CANDIDATES FOR APPOINTMENT TO THE  
AGRICULTURAL RESEARCH COUNCIL: AGRICULTURAL RESEARCH  
ACT, 1990 (ACT No. 86 OF 1990)**

The term of office of the members of the Agricultural Research Council is to expire at the end of March 2020.

The Minister of Agriculture, Land Reform and Rural Development, hereby invites persons, stakeholders, the Premier of each Province as well as the Portfolio and Select Committees responsible for Agriculture, Land Reform and Rural Development in Parliament to provide her with the names of persons to be considered for appointment as members of the Agricultural Research Council.

In terms of the provisions of the Act, the nominees shall be considered for appointment by virtue of their knowledge and experience of agriculture, marketing, the training of agriculturalists and veterinarians, business and financial management, the law, the environment, rural development, or research, development or technology transfer in the field of agriculture.

No person falling within the categories described in section 9(5) of the Act shall qualify for nomination or appointment to the Council. Suitable candidates would be subjected to a personnel suitability check (criminal record, citizen and qualification verification).

**The following documents must accompany each nomination:**

- (a) A detailed curriculum vitae
- (b) Written acceptance of the nomination by the nominee
- (c) ID copy
- (d) Documentary proof of all qualifications (Including matric certificate where applicable)

**Nominations should reach the under-mentioned address no later than 07 February 2020:** Director: DG Office Support, Department of Agriculture, Forestry and Fisheries, Private Bag X250 Pretoria, 0001.

**Enquiries:** Ms M. van Rooyen, Tel Number: (012) 319-6907, E-mail: MarionVR@daff.gov.za Nominations should be marked for the attention of Ms M. van Rooyen.

**Correspondence will be limited to successful candidates.**

# **WARNING!!!**

## **To all suppliers and potential suppliers of goods to the Government Printing Works**

The Government Printing Works would like to warn members of the public against an organised syndicate(s) scamming unsuspecting members of the public and claiming to act on behalf of the Government Printing Works.

One of the ways in which the syndicate operates is by requesting quotations for various goods and services on a quotation form with the logo of the Government Printing Works. Once the official order is placed the syndicate requesting upfront payment before delivery will take place. Once the upfront payment is done the syndicate do not deliver the goods and service provider then expect payment from Government Printing Works.

Government Printing Works condemns such illegal activities and encourages service providers to confirm the legitimacy of purchase orders with GPW SCM, prior to processing and delivery of goods.

To confirm the legitimacy of purchase orders, please contact:

Anna-Marie du Toit (012) 748-6292 ([Anna-Marie.DuToit@gpw.gov.za](mailto:Anna-Marie.DuToit@gpw.gov.za)) and

Siraj Rizvi (012) 748-6380 ([Siraj.Rizvi@gpw.gov.za](mailto:Siraj.Rizvi@gpw.gov.za))

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Contact Centre Tel: 012-748 6200. eMail: [info.egazette@gpw.gov.za](mailto:info.egazette@gpw.gov.za)  
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